CURRICULUM VITAE

OF

JOHN C. KLICK

EDUCATION

Bates College, Lewiston, Maine, 1970
Bachelor of Science - Mathematics

Department of Agriculture Graduate School, 1972 Graduate Courses in Operations Research

Loyola College, Baltimore, Maryland, 1973-1974 Graduate Courses in Accounting and Finance

EMPLOYMENT HISTORY

Southern Railway System Washington, DC, 1970 - 1974 Management Trainee (Marketing Department) Assistant Cost Analyst Cost Analyst

R. L. Hines Associates, Inc. Washington, DC, 1974 - 1976 Transportation Economist

Snavely, King & Associates, Inc. Washington, DC, 1976 Consultant

Southern Railway System Washington, DC, 1976 - 1978 Market Analyst, Coal and Construction Materials

United States Railway Association Washington, DC, 1978 - 1980 Manager, Traffic and Operations Analysis Assistant Director, Traffic and Operations Analysis Deputy Director, Asset Valuation

Snavely, King & Associates, Inc. Washington, DC, 1980 - 1987 Senior Consultant Vice President

Klick, Kent & Allen, Inc. Alexandria, Virginia, 1987 - 1998 Principal

FTI Consulting/Klick, Kent & Allen, Inc. Alexandria, Virginia, 1998 - Present Executive Vice President

TELECOMMUNICATIONS TESTIMONY

Federal Communications Commission

May 26, 1999 CC Docket No. 96-98. In the Matter of Implementation of the Local Competition

Provisions of the Telecommunications Act of 1996. Affidavit of John C. Klick and Brian

F. Pitkin.

May 26, 1999 CC Docket No. 96-98. In the Matter of Implementation of the Local Competition

Provisions of the Telecommunications Act of 1996. Affidavit of Michael J. Boyles, John

C. Klick and Brian F. Pitkin.

June 10, 1999 CC Docket No. 96-98. In the Matter of Implementation of the Local Competition

Provisions of the Telecommunications Act of 1996. Reply Affidavit of Michael R.

Baranowski, John C. Klick and Brian F. Pitkin.

Public Utilities Commission of the State of Colorado

February 21, 1997 Docket No. 96S-331T. In the Matter of the Investigation and Suspension of Tariff Sheets

Filed by U S WEST Communications, Inc., With Advice Letter No. 2617, Regarding Tariffs For Interconnection, Local Termination, Unbundling and Resale of Services,

Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

March 6, 1997 Docket No. 96S-331T. In the Matter of the Investigation and Suspension of Tariff Sheets

Filed by U S WEST Communications, Inc., With Advice Letter No. 2617, Regarding Tariffs For Interconnection, Local Termination, Unbundling and Resale of Services,

Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

March 26, 1997 Docket No. 96S-331T. In the Matter of the Investigation and Suspension of Tariff Sheets

Filed by U S WEST Communications, Inc., With Advice Letter No. 2617, Regarding Tariffs For Interconnection, Local Termination, Unbundling and Resale of Services,

Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

May 6, 1997 Docket No. 97M-063T. In the Matter of the Administration of the Colorado High Cost

Fund and the Development of a Cost Model, Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

May 23, 1997 Docket No. 97M-063T. In the Matter of the Administration of the Colorado High Cost

Fund and the Development of a Cost Model, Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

November 17, 1997 Docket No. 97M-063T. In the Matter of the Administration of the Colorado High Cost

Fund and the Development of a Cost Model, Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

Public Service Commission of the District of Columbia

March 24, 1997 Formal Case No. 962. In the Matter of the Implementation of the District of Columbia

Telecommunications Competition Act of 1996 and implementation of 47 U.S.C. Section

252 of the Telecommunications Act of 1996.

May 2, 1997 Formal Case No. 962. In the Matter of the Implementation of the District of Columbia

Telecommunications Competition Act of 1996 and implementation of 47 U.S.C. Section

252 of the Telecommunications Act of 1996.

Florida Public Service Commission

November 13, 1997 Docket No. 960833-TP/960846-TP/971140-TP. In the matter of certain terms and

conditions of proposed agreement concerning interconnection and resale, Pursuant to $47\,$

U.S.C. Section 252 of the Telecommunications Act of 1996.

Idaho Public Utilities Commission

November 22, 1996 Docket No. USW-T-96-15/ATT-T-96-2. In the Matter of the Interconnection Contract

Negotiations Between AT&T Communications of the Mountain States, Inc., and U S

WEST Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

January 31, 1997 Docket No. USW-T-96-15/ATT-T-96-2. In the Matter of the Interconnection Contract

Negotiations Between AT&T Communications of the Mountain States, Inc., and U S

WEST Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

State of Iowa Department of Commerce Utilities Board

October 7, 1996 Docket No. ARB-96-3. In the Matter of the Interconnection Contract Negotiations

Between AT&T Communications of the Midwest, Inc., and GTE Communications, Inc.,

Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

October 21, 1996 Docket No. ARB-96-3. In the Matter of the Interconnection Contract Negotiations

Between AT&T Communications of the Midwest, Inc., and GTE Communications, Inc.,

Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

April 23, 1997 Docket No. RPU-96-9. Application for rehearing in part for purposes of Clarification and

Correction, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

July 30, 1997 Docket No. RPU-96-9. . Application for rehearing in part for purposes of Clarification and

Correction, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Kentucky Public Service Commission

November 4, 1997 Administrative Case No. 360. In the Matter of Inquiry Into Universal Service and Funding

Issues, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Louisiana Public Service Commission

August 25, 1997 Docket No. U-22022. Review of cost studies submitted per Local Competition Regulations

in order to determine the cost of interconnection and UNEs to establish reasonable, non-discriminatory, cost-based tariffed rates. U-22093. Review of tariff filing per Local Competition Regulations, which tariff introduces interconnection and unbundled services and establishes the rates, terms, and conditions for such service offerings, Pursuant to 47

U.S.C. Section 252 of the Telecommunications Act of 1996.

January 20, 1998 Docket No. U-20993, Subdocket A (above Dockets Consolidated), Pursuant to 47 U.S.C.

Section 252 of the Telecommunications Act of 1996.

State of Maryland Public Service Commission

December 5, 1997 Case No. 8766. In the Matter of the Collocation Tariff Filed Under Transmittal No. 1003

by Bell Atlantic-Maryland, Inc., Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

Minnesota Public Utilities Commission

September 30, 1996	Docket No. P-4Y2; YOT/M-96-936. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Midwest, Inc., and GTE Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
October 18, 1996	Docket No. P-442; 407/M-96-939. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Midwest, Inc., and GTE Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
August 18, 1997	Docket Nos. P-42; 5321, 3167, 466, 421/CI-96-1540; OAH Docket No. 12-2500-10956-2. In the Matter of Generic Investigation of U S WEST Communications, Inc.'s Costs of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
October 20, 1997	Docket Nos. P-42; 5321, 3167, 466, 421/CI-96-1540; OAH Docket No. 12-2500-10956-2. In the Matter of Generic Investigation of U S WEST Communications, Inc.'s Costs of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
November 14, 1997	Docket No. P-442, 407, 5321, 466/CI-96-1541. In the Matter of the Investigation of GTE-Minnesota's Cost of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
December 19, 1997	Docket Nos. P-42; 5321, 3167, 466, 421/CI-96-1540; OAH Docket No. 12-2500-10956-2. In the Matter of Generic Investigation of U S WEST Communications, Inc.'s Costs of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
February 3, 1998	Docket Nos. P-999/M-97-909; OAH Docket No. 12-2500-11342-2. In the Matter of the State of Minnesota's Possible Election to Conduct its own Forward-Looking Economic Cost study to Determine the Appropriate Level of Universal Service Support, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
March 2, 1998	Docket Nos. P-42; 5321, 3167, 466, 421/CI-96-1540; OAH Docket No. 12-2500-10956-2. In the Matter of Generic Investigation of U S WEST Communications, Inc.'s Costs of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
March 23, 1998	Docket Nos. P-42; 5321, 3167, 466, 421/CI-96-1540; OAH Docket No. 12-2500-10956-2. In the Matter of Generic Investigation of U S WEST Communications, Inc.'s Costs of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
April 6, 1998	Docket Nos. P-42; 5321, 3167, 466, 421/CI-96-1540; OAH Docket No. 12-2500-10956-2. In the Matter of Generic Investigation of U S WEST Communications, Inc.'s Costs of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
July 14, 1998	Docket Nos. P-42; 5321, 3167, 466, 421/CI-96-1540; OAH Docket No. 12-2500-10956-2. In the Matter of Generic Investigation of U S WEST Communications, Inc.'s Costs of Providing Interconnection and Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

May 26, 2000 Docket No. P-421/CI-99-1665; OAH Docket No. 12-2500-12631-2. In the Matter of a Commission Initiated Investigation into U S WEST Communications, Inc.'s Costs Related

to Provision of Line Sharing Service

Docket No. P-421/CI-99-1665 ;OAH Docket No. 12-2500-12631-2. In the Matter of a June 30, 2000

Commission Initiated Investigation into U S WEST Communications, Inc.'s Costs Related

to Provision of Line Sharing Service

Public Service Commission of Missouri

September 25, 1998 Docket TO-98-329. In the Matter of an Investigation into Various Issues Related to the Missouri Universal Service Fund.

Public Service Commission of the State of Montana

November 22, 1996 Docket No. D96.11.200. In the Matter of the Interconnection Contract Negotiations

Between AT&T Communications of the Mountain States, Inc., and U S WEST

Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act

of 1996.

January 22, 1997 Docket No. D96.11.200. In the Matter of the Interconnection Contract Negotiations

Between AT&T Communications of the Mountain States, Inc., and U S WEST

Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act

of 1996.

January 29, 1997 Docket No. D96.11.200. In the Matter of the Interconnection Contract Negotiations

Between AT&T Communications of the Mountain States, Inc., and U S WEST

Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act

of 1996.

Nebraska Public Service Commission

October 18, 1996 Docket No. C-1400. In the Matter of the Interconnection Contract Negotiations Between

AT&T Communications of the Midwest, Inc., and GTE Communications, Inc., Pursuant to

47 U.S.C. Section 252 of the Telecommunications Act of 1996.

New Jersey Board of Public Utilities

September 18, 1996 Docket No. TO 96070519. In the Matter of Petition of AT&T Communications of New

Jersey, Inc., for Arbitration with Bell Atlantic - New Jersey, Inc., Pursuant to 47 U.S.C.

Section 252 of the Telecommunications Act of 1996.

December 20, 1996 Docket No. TX 95120631. Notice of Investigation Local Exchange Competition for

Telecommunications Services, Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

October 20, 1997 Docket No. TX 95120631. Notice of Investigation Local Exchange Competition for

Telecommunications Services, Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

New Mexico Corporation Commission

November 22, 1996 Docket No. 96-411-TC. In the Matter of the Interconnection Contract Negotiations

Between AT&T Communications of the Mountain States, Inc., and U S WEST

Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Docket No. 96-411-TC. In the Matter of the Interconnection Contract Negotiations

Between AT&T Communications of the Mountain States, Inc., and U S WEST Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

June 13, 1997 Docket No. 97-35-TC. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Mountain States, Inc. and GTE Southwest, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Docket No. 96-310-TC; Docket No. 97-334-TC. In the Matter of the Implementation of the New Rules Related to the Rural High Cost Fund, and Low Income Components of the New Mexico Universal Service Fund, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

November 21, 1997 Docket No. 96-310-TC; Docket No. 97-334-TC. In the Matter of the Implementation of the New Rules Related to the Rural High Cost Fund, and Low Income Components of the New Mexico Universal Service Fund, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

January 14, 1998 Docket No. 96-310-TC; Docket No. 97-334-TC. In the Matter of the Implementation of the New Rules Related to the Rural High Cost Fund, and Low Income Components of the New Mexico Universal Service Fund, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

State of New York Public Service Commission

January 20, 1997

October 21, 1997

March 27, 1998

Case No. 95-C-0657. In the matter of Wholesale Provisioning of Local Exchange Service. 94-C-0095. In the matter of the Continuing Provision of Universal Service and Developing a Regulatory Framework for the Transition to Competition in the Local Exchange Market. 91-C-1174. In the matter of Comparably Efficient Interconnection Arrangements for Residential and Business Links, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

North Carolina Public Staff Utilities Commission

December 15, 1997 Docket No. P-100, Sub 133d. In the Matter of the Determination of Permanent Pricing for Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
 January 30, 1998 Docket No. P-100, Sub 133b. In the Matter of Establishment of Universal Support Mechanisms, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
 February 16, 1998 Docket No. P-100, Sub 133d. In the Matter of the Determination of Permanent Pricing for Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.
 March 9, 1998 Docket No.: P-55, Sub 133d. In the Matter of the Determination of Permanent Pricing for

Unbundled Network Elements, Pursuant to 47 U.S.C. Section 252 of the

State of North Dakota Public Service Commission

Telecommunications Act of 1996.

November 22, 1996 Docket No. PU-453-96-497. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Midwest, Inc., and U S WEST Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996. Docket No. PU-453-96-497. In the Matter of the Interconnection Contract Negotiations February 14, 1997 Between AT&T Communications of the Midwest, Inc., and U S WEST Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996. November 10, 1997 Docket No. PU-314-97-465. In the Matter of U S WEST Communications, Inc. Universal Service Costs Investigation, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996. December 22, 1997 Case No. PU-314-97-12. In the Matter of U S West Communications, Inc. Interconnection/ Wholesale Price Investigation, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Oregon Public Utility Commission

October 8, 1996 Docket No. ARB-5. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Pacific Northwest, Inc., and GTE Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

February 24, 1998 UM 731, Phase 111. In the Matter of the Investigation into Universal Service in the State of Oregon, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Pennsylvania Public Utility Commission

May 21, 1999 Docket Nos. P-00991648 and P-00991649. Petition of Senators and CLECs for Adoption of Partial Settlement and Joint Petition for Global Resolution of Telecommunications Proceeding.

South Carolina Public Service Commission

November 10, 1997 Docket No. 97-239-C. In the Matter of Intrastate Universal Service Fund, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Public Utilities Commission of the State of South Dakota

November 20, 1996 Docket No. TC-96-184. In the Matter of the Interconnection Contract Negotiations
Between AT&T Communications of the Midwest, Inc., and U S WEST Communications,
Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

January 27, 1997 Docket No. TC-96-184. In the Matter of the Interconnection Contract Negotiations
Between AT&T Communications of the Midwest, Inc., and U S WEST Communications,

Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Public Utility Commission of Texas

February 27, 1998 Docket No. 18515. Compliance Proceeding for Implementation of the Texas High Cost Universal Service Plan, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Public Service Commission of Utah

April 23, 1997

Docket No. 94-999-01. In the Matter of an Investigation Into Collocation and Expanded Interconnection, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Washington Utilities and Transportation Commission

October 28, 1996

Docket No. UT-960307. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Pacific Northwest, Inc., and GTE Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

February 21, 1997

Docket No. UT-960369. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale. Docket No. UT-960370. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for U S WEST Communications, Inc. Docket No. UT-960371. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for GTE Northwest Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

March 28, 1997

Docket No. UT-960369. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale. Docket No. UT-960370. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for U S WEST Communications, Inc. Docket No. UT-960371. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for GTE Northwest Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

April 25, 1997

Docket No. UT-960369. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale. Docket No. UT-960370. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for U S WEST, Communications, Inc. Docket No. UT-960371. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for GTE Northwest Incorporated, Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

June 13, 1997

Docket No. UT-960369. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale. Docket No. UT-960370. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for U S WEST Communications, Inc. Docket No. UT-960371. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for GTE Northwest Incorporated., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

June 20, 1997

Docket No. UT-960369. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale. Docket No. UT-960370. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for U S WEST Communications, Inc. Docket No. UT-960371. In the Matter of the Pricing Proceeding for Interconnection, Unbundled Elements, Transport and Termination, and Resale for GTE Northwest Incorporated., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

Public Service Commission of the State of Wyoming

November 22, 1996

Docket No. 72000-TF-96-95/70000-TF-96-497. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Mountain States, Inc., and

US WEST Communications, Inc. , Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

February 6, 1997

Docket No. 72000-TF-96-95/70000-TF-96-497. In the Matter of the Interconnection Contract Negotiations Between AT&T Communications of the Mountain States, Inc., and U S WEST Communications, Inc., Pursuant to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

September 19, 1997 Docket No. 70000-TF-96-319/72000-TF-96-95. In the Matter of the Arbitration by the

Public Service Commission of an Interconnection Agreement Between U S WEST Communications, Inc., and AT&T Communications of the Mountain States, Inc., Pursuant

to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

October 13, 1997 Docket No. 70000-TF-96-319/72000-TF-96-95. In the Matter of the Arbitration by the

Public Service Commission of an Interconnection Agreement Between U S WEST Communications, Inc., and AT&T Communications of the Mountain States, Inc., Pursuant

to 47 U.S.C. Section 252 of the Telecommunications Act of 1996.

November 14, 1997 General Order No. 81. In the Matter of the Investigation by the Commission of the

Feasibility of Developing Its Own Costing Model for Use in Determining Federal Universal Service Fund Support Obligations in Wyoming, Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

November 21, 1997 General Order No. 81. In the Matter of the Investigation by the Commission of the

Feasibility of Developing Its Own Costing Model for Use in Determining Federal Universal Service Fund Support Obligations in Wyoming, Pursuant to 47 U.S.C. Section 252 of the

Telecommunications Act of 1996.

ENERGY TESTIMONY

Federal Energy Regulatory Commission

May 20, 1991 Docket No. IS90-21-000 et al. Williams Pipe Line Company.

May 3, 1993 Docket No. RM93-11-000. Revisions to Oil Pipeline Regulations Pursuant to the Energy

Policy Act of 1992.

November 22, 1993 Docket No. RM93-11-000. Revisions to Oil Pipeline Regulations Pursuant to the Energy

Policy Act of 1992.

January 23, 1995 Docket No. IS90-21-000 et al. Williams Pipe Line Company.

TRANSPORTATION TESTIMONY

Special Court (Federal) Created Under Sections 303(c) and 306 of the Regional Rail Reorganization Act

January, 1980 Misc. No. 76-1. In the Matter of the Valuation Proceedings.

Interstate Commerce Commission

May, 1981 Finance Docket No. 30000. Union Pacific Corporation and Union Pacific Railroad

Company -- Control -- Missouri Pacific Corporation and Missouri Pacific Railroad

Company.

February 22, 1983 Docket No. 37886S. Potomac Electric Power Co. v. The Baltimore and Ohio Railroad Co.

et al.

February 22, 1983 Docket No. 37834S. Ethyl Corporation v. Illinois Central Gulf Railroad, et al.

May, 1983	Docket No. 38182S. Consumers Power Company v. Norfolk & Western Railway Company.
May 31, 1983	Docket No. 38121S. Consumers Power Company v. Norfolk & Western Railway, et al.
January, 1984	Docket No. 36719. Arkansas Power & Light Company, et al. v. Burlington Northern Railroad Company and consolidated proceedings.
November 26, 1984	Docket No. 37857S. Consumers Power Company v. Norfolk and Western Railway Company, et al.
March 8, 1985	Docket No. 36719. Arkansas Power & Light Company, et al v. Burlington Northern Railroad Company and consolidated proceedings.
June, 1985	Docket No. 39668. Arkansas Power & Light et al. v. Burlington Northern Railroad Company.
November, 1985	Docket No. 39082. Arkansas Power & Light Company et al. v. Burlington Northern Railroad Company and Missouri Pacific Railroad Company.
January 9, 1986	Docket No. 36719. Arkansas Power & Light Company, et al. v. Burlington Northern Railroad Company and consolidated proceedings.
February, 1986	Docket No. 39082. Arkansas Power & Light Company, et al. v. Burlington Northern Railroad Company and Missouri Pacific Railroad Company.
June,1986	Docket No. 36180. San Antonio, Texas, Acting By and Through Its City Public Service Board v. Burlington Northern Railroad Company and Southern Pacific Transportation Company.
November, 1986	Docket No. 37437. Arizona Electric Power Cooperative, Inc. v. The Atchison, Topeka and Santa Fe Railway Company, et al.
March, 1987	Docket No. 37437. Arizona Electric Power Cooperative, Inc. v. The Atchison, Topeka and Santa Fe Railway Company, et al.
May 15, 1987	Docket No. 38301S. Coal Trading Corporation et al. v. The Baltimore and Ohio Railroad Company et al.
August, 1987	Docket No. 37809, 37809 (Sub-No. 1). McCarty Farms, Inc., et al. v. Burlington Northern, Inc. and consolidated proceedings.
October, 1987	Docket No. 37809, 37809 (Sub-No. 1). McCarty Farms, Inc. et al. v. Burlington Northern, Inc. and consolidated proceedings.
December, 1987	Docket No. 38301S (Sub-No. 1). Westmoreland Coal Sales Company v. The Denver & Rio Grande Western Railroad Company, et al.
December, 1987	Docket No. 37038. Bituminous Coal Hiawatha, Utah to Moapa, Nevada and consolidated proceedings.
January 14, 1988	Docket No. 38301S. Coal Trading Corporation et al. v. The Baltimore and Ohio Railroad Company et al.
May 12, 1988	Docket No. 37809, 37809 (Sub-No. 1). McCarty Farms, Inc. et al. v. Burlington Northern, Inc. and consolidated proceedings.

June 20, 1988	Docket No. 37038. Bituminous Coal Hiawatha, Utah to Moapa, Nevada and consolidated proceedings.
July 5, 1988	Docket No. 37809, 37809 (Sub-No. 1). McCarty Farms, Inc. et al. v. Burlington Northern, Inc. and consolidated proceedings.
April 26, 1989	Docket No. 37809, 37809 (Sub-No. 1). McCarty Farms, Inc. et al. v. Burlington Northern, Inc. and consolidated proceedings.
June 21, 1989	Docket No. 37809, 37809 (Sub-No. 1). McCarty Farms, Inc. et al. v. Burlington Northern, Inc. and consolidated proceedings.
June 21, 1990	Docket No. 40224. Iowa Power and Light Company v. Burlington Northern Railroad Company.
July 30, 1990	Docket No. 37038. Bituminous Coal Hiawatha, Utah to Moapa, Nevada and consolidated proceedings.
October 10, 1990	Docket No. 37063, 38025S. The Dayton Power and Light Company v. Louisville and Nashville Railroad Company.
December 14, 1990	Docket No. 37063, 38025S. The Dayton Power and Light Company v. Louisville and Nashville Railroad Company.
January 25, 1991	Docket No. 37063, 38025S. The Dayton Power and Light Company v. Louisville and Nashville Railroad Company.
June 17, 1991	Docket No. 37809, 37809 (Sub-No. 1). McCarty Farms, Inc. et al. v. Burlington Northern, Inc. and consolidated proceedings.
July 15, 1991	Docket No. 37038. Bituminous Coal Hiawatha, Utah to Moapa, Nevada and consolidated proceedings.
January 14, 1992	Ex Parte No. 347 (Sub No. 2). Rate Guidelines Non-Coal Proceedings.
March 30, 1992	Finance Docket No. 22218. Atchison, Topeka & Santa Fe Railway Company Operating Rights Southern Pacific Transportation Company.
April 24, 1992	Finance Docket No. 31951. Southern California Regional Rail Authority For an Order Requiring Joint Use of Terminal Facilities of The Atchison, Topeka and Santa Fe Railway Company.
June 15, 1992	Docket No. 40581. Georgia Power Company, Southern Company Services, Inc., Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton v. Southern Railway Company and Norfolk Southern Corporation.
July 27, 1992	Docket No. 40581. Georgia Power Company, Southern Company Services, Inc., Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton v. Southern Railway Company and Norfolk Southern Corporation.
November 20, 1992	Docket No. 40581. Georgia Power Company, Southern Company Services, Inc., Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton v. Southern Railway Company and Norfolk Southern Corporation.

May 7, 1993	Finance Docket No. 21215 (Sub No. 5). Seaboard Air Line Railroad Company Merger Atlantic Coast Line Railroad Company Petition to Remove Traffic Protective Conditions.
March 17, 1994	Ex Parte No. 347 (Sub No. 2). Rate Guidelines Non-Coal Proceedings.
May 9, 1994	Finance Docket No. 32467. National Railroad Passenger Corporation and Consolidated Rail Corporation Application Under Section 402(a) of the Rail Passenger Service Act for an Order Fixing Just Compensation.
June 10, 1994	Finance Docket No. 21215 (Sub-No. 5). Seaboard Air Line Railroad Company Merger Atlantic Coast Line Railroad Company Petition to Remove Traffic Protective Conditions.
June 27, 1994	Docket No. 40131 (Sub-No. 1). Ashley Creek Phosphate Company v. Chevron Pipe Line Company, et al.; I.C.C. Docket No. 40810 Ashley Creek Phosphate Company v. SF Industries, et al.
October 11, 1994	Finance Docket No. 32549. Burlington Northern, Inc. And Burlington Northern Railroad Company Control and Merger Santa Fe Pacific Corporation and the Atchison, Topeka and Santa Fe Railway Company.
December 13, 1994	Finance Docket No. 32467 National Railroad Passenger Corporation and Consolidated Rail Corporation Application Under Section 402(a) of the Rail Passenger Service Act for an Order Fixing Just Compensation.
January 30, 1995	Finance Docket No. 32433 (Sub-No. 1). Chicago and North Western Transportation Company Construction and Operation Exemption City of Superior, Wisconsin.
March 9, 1995	Finance Docket No. 32467. National Railroad Passenger Corporation and Consolidated Rail Corporation Application Under Section 402(a) of the Rail Passenger Service Act for an Order Fixing Just Compensation.
March 29, 1995	Docket No. 37809, 38709 (Sub-No. 1). McCarty Farms, Inc., et al., and consolidated proceedings.
May 30, 1995	Docket No. 41191. West Texas Utilities Company v. Burlington Northern Railroad Company.
June 20, 1995	Docket No. 40131 (Sub-No. 1). Ashley Creek Phosphate Company v. Chevron Pipeline Company, et al.
July 28, 1995	Finance Docket No. 32467. National Railroad Passenger Corporation and Consolidated Rail Corporation Application Under Section 402(a) of the Rail Passenger Service Act For an Order Fixing Just Compensation.
October 30, 1995	Docket No. 41185. Arizona Public Service Company and Pacificorp v. The Atchison, Topeka and Santa Fe Railway Company.
Surface Transportation Board	

February 20, 1996	Ex Parte No. 347 (Sub-No. 2). Rate Guidelines Non-Coal Proceedings.
March 19, 1996	Ex Parte No. 347 (Sub-No. 2). Rate Guidelines Non-Coal Proceedings.
April 1, 1996	Docket No. 32630 (Sub 1). Petition of Omaha Power District Under 49 U.S.C. §10901(d).

April 29, 1996	Finance Docket No. 32760. Union Pacific Corporation, Union Pacific Railroad Company and Missouri Pacific Railroad Company Control and Merger Southern Pacific Rail Corporation, Southern Pacific Transportation Company, St. Louis Southwestern Railway Company, SPCSL Corp., and The Denver & Rio Grande Western Railroad Company.
May 23, 1996	Docket No. 41191. West Texas Utilities Company v. Burlington Northern Railroad Company Petition of Burlington Northern Railroad Company to Reopen Proceeding.
October 15, 1996	Docket No. 41242. Central Power & Light Company v. Southern Pacific Transportation Company; Docket No. 41295 Pennsylvania Power & Light Company v. Consolidated Rail Corporation; Docket No. 41626 MidAmerican Energy Company v. Union Pacific Railroad Company and Chicago & North Western Railway Company.
October 25, 1996	Docket No. 41242. Central Power & Light Company v. Southern Pacific Transportation Company; Docket No. 41295 Pennsylvania Power & Light Company v. Consolidated Rail Corporation; Docket No. 41626 MidAmerican Energy Company v. Union Pacific Railroad Company and Chicago & North Western Railway Company.
June 16, 1997	Finance docket No. 33388. CSX Crop. And CSX Transportation, Inc., Norfolk Southern Corporation and Norfolk Southern Railway Company – Control – Conrail, Inc. and Consolidated Rail Corporation.
July 11, 1997	Docket No. 41989. Potomac Electric Power Company v. CSX Transportation, Inc. Reply Statement and Evidence of Defendant CSX Transportation, Inc.
November 10, 1997	Docket No. 41685. In the Matter of CF Industries, Inc. v. Koch Pipeline Company, L.P.
July, 1998	Finance Docket No. 33556. Canadian National Railway Company, Grand Trunk Corporation, and Grand Trunk Western Railroad Incorporated – Control – Illinois Central Corporation, Chicago, Central & Pacific Railroad Company, and Cedar River Railroad Company. Railroad Control Application.
March 31, 1999	Docket No. 42022. FMC Corporation and FMC Wyoming Corporation v. Union Pacific Railroad Company.
May 19, 1999	Docket No. 33726. Western Coal Traffic League v. Union Pacific Railroad Company.

District Court of Nebraska

March 29, 1996	Civil Action 4:94cv3182 Burlington Northern Railway Company v. Nebraska Public Power District In the District Court for the District of Nebraska.
April 29, 1996	Civil Action 4:94cv3182 Burlington Northern Railway Company v. Nebraska Public Power District In the District Court for the District of Nebraska.
July 30, 1999	Civil Action 8:97CV00345, Entergy Services, Inc. and Entergy Arkansas, Inc. v. Union Pacific Railroad Company.

Arbitrations and Mediations

February 16, 1988 Arbitration Proceedings, Phase Ill. Damages - Escanaba & Lake Superior Railroad Company v. Soo Line Railroad Company.

June 23, 1988	Arbitration Proceedings, Phase III Damages - Escanaba & Lake Superior Railroad Company v. Soo Line Railroad Company.
August 15, 1988	Arbitration Proceedings, Phase III Damages - Escanaba & Lake Superior Railroad Company v. Soo Line Railroad Company.
January 24, 1992	In the Matter of the Arbitration Between Tuco Inc., Burlington Northern Railroad Company and The Atchison, Topeka and Santa Fe Railroad Company.
February 21, 1992	In the Matter of the Arbitration Between Tuco, Inc. and Burlington Northern Railroad Company and Atchison, Topeka & Santa Fe Railroad Company.
March 24, 1992	In the Matter of the Arbitration Between Tuco, Inc., Burlington Northern Railroad Company and Atchison, Topeka & Santa Fe Railroad Company.
July 20, 1992	In the Matter of the Arbitration Between Wisconsin Power & Light Company and Burlington Northern Railroad Company, et. al.
September 4, 1992	In the Matter of the Arbitration Between Wisconsin Power & Light Company and Burlington Northern Railroad Company, et. al.
October 4, 1993	In the Matter of the Arbitration Between Public Service Company of Oklahoma and Burlington Northern Railroad Company.
February 21, 1994	In the Matter of the Arbitration Between Public Service Company of Oklahoma and Burlington Northern Railroad Company.
May 3, 1999	Elisra Electronics Systems, Ltd. V. Qualcomm, Inc., Before the American Arbitration Association No. 50 T 181 00005 98.
September 23, 1999	Statistical Analysis of Cap Gemini Report for Lee & Allen, Inc., submitted in UGI/Transco Mediation (London, England)