

QUALIFICATIONS OF GEORGE H. BORTS

My name is George H. Borts. I am an economist. My address is 220 Slater Avenue, Providence, Rhode Island, 02906. I am a Professor of Economics at Brown University in Providence, Rhode Island, and from 1964 to 1967, I was Chairman of the Economics Department. I was managing editor, from 1969 to 1980, of the American Economic Review, a publication of the American Economic Association. In 1990 and 1991, I served as managing editor of the Brown University World Business Advisory.

I hold a B.A. degree from Columbia University, received in 1947; a Master of Arts degree from the University of Chicago, received in 1949; and a Ph.D. degree from the University of Chicago, received in 1953.

I am a member of the American Economic Association, the Econometric Society, and Phi Beta Kappa.

The title of my doctoral thesis is "Cost and Production Relations in the Railway Industry." I have written a number of articles on cost functions and production functions in railroads. These were published in Econometrica and the Journal of Political Economy. I have also written on the indexation of rail contracts for the Transportation Journal.

In regulatory matters, I have presented evidence before the Federal Energy Regulatory Commission concerning market power in oil pipelines. I have served as a consultant to various Canadian provinces in several proceedings, investigations, and studies during the past forty years. I completed a study of cost of capital requirements for Canadian railroads, and presented evidence before the Canadian Transport Commission.

I have presented evidence before the Interstate Commerce Commission on issues involving cost finding, the cost of capital, revenue adequacy, the determination of market dominance and monopoly power, measurement of railroad productivity, freight car supply, compensation for the use of private hopper and tank cars, and railroad cost recovery procedures.

Most recently, I presented evidence before the Surface Transportation Board in STB Docket No. 42057, Public Service Company of Colorado d/b/a Xcel Energy v. The Burlington Northern and Santa Fe Railway Co. STB Docket No. 42058, Arizona Electric

Power Cooperative, Inc. v. Burlington Northern and Santa Fe Railway Co. and Union Pacific Railroad Co., Docket No. 42069, Duke Energy Corp. v. Norfolk Southern Railway Co., Docket No. 42054, PPL Montana LLC v. Burlington Northern and Santa Fe Railway Co., Docket No. 42051, Wisconsin Power and Light Co. v. Union Pacific Railroad Co., Docket No. 42022, FMC Wyoming Corp. v. Union Pacific Railroad Co., Docket No. 41989, Potomac Electric Power Company v. CSX Transportation, Inc., Docket Nos. 41626, 41242, and 41295, the so-called Bottleneck Regulation Cases; Finance Docket No. 32760, Union Pacific Corporation - Control and Merger - Southern Pacific Rail Corporation; and Finance Docket No. 32630 (Sub. No. 1), Omaha Public Power District - Burlington Northern Railroad Company, Crossing Compensation.

I have also presented evidence before the Interstate Commerce Commission in Finance Docket No. 32549, Burlington Northern Railroad Company - Control and Merger - The Atchison, Topeka and Santa Fe Railway Company; Docket No. 41242, Central Power and Light Company v. Southern Pacific Transportation Company; Docket No. 32133, Union Pacific Railroad Company, Chicago and North Western Transportation Company, Railroad Common Control Application; Docket No. 37038, Bituminous Coal--Hiawatha, Utah to Moapa, Nevada; Docket No. 38025S, Dayton Power and Light Company v. Louisville and Nashville Railroad Company; Docket No. 38301 S, Coal Trading Corporation et al. v. Baltimore and Ohio Railroad et al.; Finance Docket No. 27590 (Sub-No. 1), Approval of the Pooling of Car Service With Respect to Flat Cars, Trailer Train Co., et al.; Docket No. 39169, Shippers Committee, OT-5, v. The Ann Arbor Railroad Company et al.; Ex Parte No. 347 (Sub-No.2), Rate Guidelines-- Non-Coal Proceedings; Docket No. 39896, U.S. Clay Producers Traffic Association, v. Boston and Maine Corporation et al.; and Docket No. 39117, LO Shippers Action Committee v. Aberdeen and Rockfish Railroad Company, et. al. I have also presented evidence in the Coal Rate Guidelines investigations, Ex Parte No. 347; revenue adequacy investigations, Ex Parte No. 353 and 393; and market dominance investigations, Ex Parte No. 320.

In June 1986, I participated as one of four economic experts in the Railroad Accounting Principle Board's Colloquium on Cost Issues.

I have served as a consultant to the National Science Foundation, to the Undersecretary of Commerce for Transportation, to the New England Motor Freight

Association, to the National Motor Freight Traffic Association, the Western Coal Traffic League, and to the New England Telephone Company.

I have also served as an arbitrator of disputes over rail freight contracts.

In addition to research in transportation, I am co-author of a book with J.L. Stein, entitled: Economic Growth in a Free Market, published by the Columbia University Press in 1964. I am author of a monograph entitled, Regional Cycles of Manufacturing Employment, published by the National Bureau of Economic Research in 1959. I have also published articles on regulatory matters and on regional and international economics in the American Economic Review, the Journal of Political Economy, the Journal of International Economics, and in various conference volumes.