

Appendix B

Contractor Reports

Background Paper (available from Superintendent of Documents, U.S. Government Printing Office):

- Biological Effects of Power-Frequency Electric and Magnetic Fields; Carnegie Mellon University.

Working Papers of Volume 11 (available from the National Technical Information Service):

- . Transmission Line Certification and Siting Procedures and Energy Planning Processes; Public Utilities Commission of Ohio and the West Virginia Public Service Commission.
- . Electric Utility Generation and Transmission Planning and Coordination: Summary of Utility Responses; Public Utility Commission of Ohio.
- . Summary of Responses of the Regional Reliability Councils; Public Utility Commission of Ohio.
- . *Planning and Coordination of Utility Bulk Power Supplies and Transmission Capacity.. Interview Data,* Ohio Public Utilities Commission.
- Case Studies on Increasing Transmission Access; Casazza, Schultz & Associates, Inc.
- Case Studies of Transmission Bottlenecks; Casazza, Schultz & Associates, Inc.
- . Technological Considerations in Proposed Scenarios; Power Technologies, Inc.
- . Technical Background and Considerations in Proposed Wheeling, Transmission Access, and Non-utility Generation; Power Technologies, Inc.
- Competition and the Role of the Capital Markets in Restructuring the Electric Power Industry; Investor Responsibility Research Center.
- *The Siting of EHV Electric Transmission Lines,* James S. Cannon.
- . Environmental Effects of Increased Competition in the Electric Power Industry; Kennedy P. Maize.
- Economic and Planning Implications of the FERC Notice Of Proposed Rulings on Independent Power Producers; The Energy Center, University of Pennsylvania.
- Survey of Power Industry Competition; OTA.
- Competitive Procurement of Generation Capacity: Summary of Procedures in Selected States; Boston Pacific Co., Inc.

Assessments in Progress as of May 1989

Technological Risks and Opportunities for Future U.S. Energy Supply and Demand
High-Temperature Superconductors: Research, Development, and Applications
Technology, Innovation, and U.S. Trade
Superfund Implementation
Training in the Workplace: Implication for U.S. Competitiveness
Advanced Space Transportation Technologies
Monitoring and Preventing Accidental Radiation Release at the Nevada Test Site
Agricultural Approaches To Reduce Agrichemical Contamination of Groundwater in the United States
U.S. Universities and Development Assistance: Technical Support for Agriculture, Natural Resources, and Environment
Emerging Agricultural Technology and the 1990 Farm Bill
Renewable Resources Planning Technologies for Public Lands
Monitoring of Mandated Vietnam Veteran Studies
Unconventional Cancer Treatments
Drug Labeling in Developing Countries-Phase II
Federal Response to AIDS: Congressional Issues
Preventive Health Services Under Medicare
Adolescent Health
Rural Health Care
Medicare's Prescription Drug Benefit: Alternative Payment Policies
Methods for Locating and Arranging Health and Long-Term Care Services for Persons With Dementia
New Developments in Neuroscience
Genetic Testing in the Workplace
Forensic Uses of Genetic Tests
Biotechnology in a Global Economy: Options for U.S. Strategy
Communications Systems for an Information Age
Copyright and Home Copying
securities Markets and Information Technology
Information Technology and Research
New Clean Air **Act Issues**
Catching Our Breath: New Steps for Reducing Urban **Ozone**
Municipal Solid Waste Management
Managing Low-Level Radioactive Waste
Climate Change: Ozone Depletion **and the Greenhouse Effect**
Potential for Mineral Resources Development in Antarctica and the Convention of the Regulation of Antarctic Mineral Resource Activities
Infrastructure Technologies: Rebuilding the Foundations
Technologies for Learning at a Distance

NOTE: For brief descriptions of these studies in progress, see OTA's booklet on "Assessment Activities" -available from OTA's Publications Office, 224-8996.