Technology Transfer to China

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Foreword

Momentous changes continue to occur in China. The high priorities now accorded economic modernization and improved global relationships present a sharp contrast to the years of the Cultural Revolution and earlier. Yet there is great uncertainty over China’s future course. China may be a constructive trading and strategic partner, or it may choose a more divergent path. U.S. decisions on technology transfer will be an important determinant of which path is followed and the implications for the world.

This report responds to requests from the House Committee on Energy and Commerce and the Senate Committee on Banking, Housing and Urban Affairs for an assessment of the economic and strategic implications of technology transfer to the People’s Republic of China and of Congressional actions that would affect it. In addition, the Senate Select Committee on Intelligence endorsed the study request.

The first phase of this study focused on energy. A Technical Memorandum, Energy Technology Transfer to China, was released in September 1985, and proved useful in the Congressional debate on the nuclear cooperation agreement.

This document analyzes the factors in China that affect technology transfer and will be affected by it. The experiences of U.S. and foreign companies in the China market are described. We discuss the evolution of China’s economy, polity and foreign policy, and how different expectations suggest different policies for the U.S. Government.

In the course of this assessment, OTA drew on the experience of many organizations and individuals. We appreciate the assistance of the project contractors who prepared much of the background analysis, the U.S. Government agencies and private companies who provided much valuable information, the Chinese institutions which facilitated the visits of our researchers, the project’s advisory panel and workshop participants who provided guidance and review, and the many additional reviewers who helped ensure the accuracy and objectivity of this report.
NOTE: OTA appreciates and is grateful for the valuable assistance and thoughtful critiques provided by the advisory panel members. The panel does not, however, necessarily approve, disapprove, or endorse this report. OTA assumes full responsibility for the report and the accuracy of its contents.
OTA Project Staff

Lionel S. Johns, Assistant Director, OTA
Energy, Materials, and International Security Division

Peter Sharfman, International Security and Commerce Program Manager

Alan T. Crane, **Project Director**

Eric O. Basques: U.S. Commercial Experiences, Military Technology
Martha Caldwell Harris: U.S. Policy, Multinational and Strategic Issues
Richard Peter Suttmeier: China's Context, Trends, and Foreign Policy

**Contributors**

Craig Allen  Matthew J. Bryza  Joanne Seder  Alan Shaw  Franklin Zweig

**Administrative Staff**

Jannie Coles  Cedle Parker  Jackie Robinson

**In Memorium**

Dottie Richroath

** Contractors**

Thomas Fingar
William A. Fischer
Paul Folta
Thomas W. Robinson
Denis Simon
Kathryn Van Wyk

**China Business Development Group**

Global Associates, Ltd.
Midwest China Center
Rock Creek Research, Inc.
Science Applications International Corp.
Workshop on China’s Future Course, July 28-29, 1986

Parris Chang
Professor of Political Science
Pennsylvania State University

John Davie
Economic Analyst
Central Intelligence Agency

David Denny
Assistant Director of Research
National Council for U.S.-China Trade

Professor June Teufel Dreyer
Director of East Asian Programs
Graduate School of International Studies
University of Miami, Coral Gables

Michael Field
Central Intelligence Agency

Thomas Fingar
U.S. Department of State

Harry Harding
Senior Fellow
The Brookings Institution

Ambassador Arthur W. Hummel (ret.)
Consultant

Albert Keidel
President
Rock Creek Research

Martin Lasater
Director, Asian Studies Center
The Heritage Foundation

Bruce Lusignan
Professor of Electrical Engineering
Stanford University

Ramon Myers
Curator/Scholar, East Asian Collection
Hoover Institution

Douglas H. Paal
Director of Asian Affairs
National Security Council

Melvin Searles
Deputy Assistant Secretary for East Asia and the Pacific
U.S. Department of Commerce

James Stoll
Defense Intelligence Agency

Jeffrey R. Taylor
Chief Economist, China Branch
Center for International Research
U.S. Bureau of the Census

Lt. Col. Eden Y. Woon, USAF
Office of Joint Chiefs of Staff
U.S. Department of Defense

Institutes
The Committee on Scholarly Communication with the Peoples’ Republic of China
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