Contents

PART I

By Way of Introduction

CHAPTER I: The Nuclear Age, the United States, and the Test Ban Negotiations
  I. The Moscow Treaty: A Turning Point? 3
  II. The United States and the Nuclear Age 3
  III. The Nuclear Test Ban Negotiations as a Case Study 11

CHAPTER II: 1957: La Mise en Scène
  I. What Beginning? 14
  II. The Status of International Negotiations 14
  III. Conflicting Forces in Test Ban Policy Formulation 18
  IV. A New Base for Scientists in the White House 32

CHAPTER III: The Conference of Experts
  I. The Context—1958 34
  II. The Development of American Policy 39
  III. Preparations for the Conference 54
  IV. The Conference 67

PART II

The Conference on the Discontinuance of Nuclear Weapon Tests

CHAPTER IV: The Opening of the Diplomatic Negotiations
  I. The Eisenhower Proposal 85
  II. Interim Sparring 94
  III. The Initial Phase of the Geneva Negotiations 113
  IV. A Major Reverse and Some Lesser Advances 136
CHAPTER V: Formulating A New Western Position
I. The Shifting Technological Base 145
II. Confusion and Controversy Within the United States 154
III. The British Seek the Lead 162
IV. The New Western Position 171

CHAPTER VI: The Search for Technical Agreement
I. Some Initial Compromises 174
II. Technical Working Group I 183
III. Technical Working Group II 210
IV. Deadlock 229

CHAPTER VII: The Search for Political Compromise
I. Revamping the Western Position 231
II. Differences Narrow 238
III. The Seismic Research Program Advisory Group 254
IV. How Near an Agreement? 259

CHAPTER VIII: The Collapse of the Conference
I. The Diplomats Resume 262
II. The Kennedy Administration: A Renewed Effort 269
III. The Coup de Grâce 280

CHAPTER IX: Controversies Concerning the Control Organization
I. An Overview 288
II. The Initial Opposing Concepts of the Control Organization 292
III. Further Compromises and Continuing Controversies, 1959–60 304
IV. The Renewed Western Effort 326
V. Conclusions 332

PART III
The Path to the Moscow Treaty

CHAPTER X: The Negotiations Resume
I. The Context: Elements of Change and Continuity 339
II. The Eighteen-Nation Disarmament Committee: A New Forum 356
III. The Sign and Poignance of Failure 377
Contents

CHAPTER XI: Another New Western Position
   I. A Reformulation in Washington 381
   II. A Preview in Geneva 389
   III. The Two Draft Treaties of August 27, 1962 397
   IV. The Response to the Western Draft Treaties 413

CHAPTER XII: False Hopes
   I. A Debate, an Inventory, a Showdown, a Schism 417
   II. Will the Deadlock Dissolve or Endure? 425
   III. Plans, Fears, Explanations, and Frustrations 435
   IV. For the Moment: Pianissimo 442

CHAPTER XIII: The Moscow Treaty
   I. Prelude 444
   II. Drafting the Treaty 450
   III. The Epilogue to the Negotiations 458

PART IV

Some Concluding Observations

CHAPTER XIV: The Test Ban Negotiations and Treaty in Retrospect
   I. Introduction 469
   II. The Formulation and Execution of American Security Policy 470
   III. The Substance of American Security Policy 490
   IV. The International System 495

APPENDIX: Treaty Banning Nuclear Weapon Tests in the Atmosphere, in Outer Space, and Under Water 504

BIBLIOGRAPHY 507
INDEX 515