CONTENTS

Preface vii Acknowledgments ix

PART I MAKING THE COLD WAR COLD, 1952-1971 1

- 1 Origins 3
- 2 Getting Started 28
- 3 The Foundation of Deterrence 52
- 4 Arms Control, Atoms for Peace, and the Test Ban 66
- 5 Organization and Evolution of the Laboratory 80
- 6 Development of the Stockpile 100
- 7 Nuclear Excursions 109
- 8 Transition 125

PART II LASERS, LASERS, NOTHING BUT LASERS, 1971–1988 127

- 9 Changing of the Guard 129
- 10 The Nuclear Weapons Program 134
- 11 Lasers 153
- 12 The Energy Crisis and New Programs 173
- 13 Evolution of the Broader Lab 200
- 14 Star Wars 226
- 15 End of the Era 235

PART III RENAISSANCE, REPRESSION, AND REORGANIZATION, 1988–2008 243

- 16 End of the Cold War 245
- 17 Post-Cold War Changes 276
- 18 Early Days with the New Administration 290
- 19 Stockpile Stewardship and the Presidential Decision 302
- 20 Growth of the Lab 325
- 21 The Troubles and Their Weathering 354

- 22 Summing Up 376
- 23 Transitional Years 394

Epilogue 403

Acronyms and Abbreviations 405 Bibliography 411 Index 441