

Letter from President WSRC

Savannah River Site at Fifty Book Cover

Front dust cover introduction

About the Book (back dust cover)

About the Authors (back dust cover)

Title Page

Disclaimer & Cataloging-in-Publication Data

Acknowledgments

Book Table of contents

1 Preface

5 Part One - The Big Picture: Science, Politics and Rhetoric

6 Chapter 1 - Nuclear Awakening

18 Chapter 2 - World War II and the Manhattan Project

38 Chapter 3 - The Cold War and the Early Atomic Energy Commission (1945-1950)

57 Part Two - Savannah River Project (1950–1956)

58 Chapter 4 - The Large-Scale Gamble

72 Chapter 5 - Like Picking Babe Ruth in His Prime

92 Chapter 6 - Boomers, Boosters, and Economic Statesmen

114 Chapter 7 - Site Selection

134 Chapter 8 - Changing Identity

166 Chapter 9 - One Mighty Force

220 Chapter 10 - Transformations

255 Part Three - Savannah River Plant (1953–1979)

256 Chapter 11 - Startup and First Years in Operation (1953–1963)

298 Chapter 12 - Heavy-Water Production

318 Chapter 13 - Reactors, Fuels, and Power Ascension (1955–1963)

360 Chapter 14 - Separations and Waste Management

396 Chapter 15 - Savannah River Laboratory

424 Chapter 16 - The Middle Years (1964–1979)

457 Part Four - Environmental Impact

458 Chapter 17 - Early Stewardship

474 Chapter 18 - Rise of Environmentalism and Its Impact on Savannah River

487 Part Five - Transition to Savannah River Site (1980–2000)

488 Chapter 19 - Transition

512 Chapter 20 - Savannah River Site at Fifty: Stewardship and Legacy

549 APPENDICES

551 World War II to the New Century Timeline

575 Biographies

593 Awards

599 Patents

619 Operating Budget

623 Churches within Federal Acquisition Area

625 Cemeteries

637 Endnotes

695 Index of Subjects

709 Index of Names