HUMAN RADIATION STUDIES:
REMEMBERING THE EARLY YEARS

Oral History of
Pathologist Clarence Lushbaugh, M.D.

Conducted October 5, 1994

United States Department of Energy
Office of Human Radiation Experiments
April 1995

CONTENTS

Foreword

Short Biography

Upbringing, Family, University of Chicago

Early Research and Publications in Pathology

Early Days at University of Chicago and Los Alamos
Establishing Safer Radiation Limits

Move to Los Alamos

Pathology Investigations

Early Animal Studies at Los Alamos

NASA-Sponsored Studies

Primate Studies

Investigations of Radiological Accidents

Congressional Testimony on the Use of Whole Body Counting in Medical Diagnosis

Other Human Radiological Studies at Los Alamos

Move to Oak Ridge (1963)

LETBI and METBI Therapy for Lymphatic Diseases

Charges That the Oak Ridge Radiation Therapy Was Not Effective

Questioning the Propriety of NASA-Funded Studies

Radiation Treatment Patients at Los Alamos and Oak Ridge

Institutional Review Board at Oak Ridge

Controversy Over the AEC's Use of Human Subjects in Radiation Research

Interview Wrap-Up