

CHAPTER 9
LIST OF PREPARERS

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TIM FRAZIER, U.S. DEPARTMENT OF ENERGY

EIS RESPONSIBILITIES: NEPA DOCUMENT MANAGER

Education: M.S., Engineering Systems, Wright State University
B.S., Biomedical Engineering, Wright State University

Experience/Technical Specialty:

Sixteen years. Nuclear weapons component production, decommissioning and decontamination of facilities, disposal of low-level waste, and technology transfer.

RAJ SHARMA, U.S. DEPARTMENT OF ENERGY

EIS RESPONSIBILITIES: NEPA COMPLIANCE OFFICER

Education: Ph.D., Fishery Biology, Radiation Effects, Utah State University
M.S., Zoology, Agra University
B.Sc, Chemistry, Zoology, Botany, Agra University

Experience/Technical Specialty:

Thirty-five years. Environmental sciences, regulatory compliance, and NEPA evaluation of nuclear facilities.

STEVEN M. MIRSKY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT MANAGER, CHAPTER 1, APPENDICES A AND E LEAD

Education: M.S., Nuclear Engineering, The Pennsylvania State University
B.S., Mechanical Engineering, Cooper Union
Professional Engineer (Mechanical, Maryland)

Experience/Technical Specialty:

Twenty-nine years. Assistant Vice President (SAIC), safety analysis, nuclear power plant design, operations, foreign nuclear power plant system analysis, accident analysis, thermal hydraulics, and spent nuclear fuel dry storage safety analysis.

MIKE DEACON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 3 AFFECTED ENVIRONMENT
(OAK RIDGE NATIONAL LABORATORY)

Education: B.S., Environmental Studies, Utah State University
B.S., Environmental Health, East Tennessee State University

Experience/Technical Specialty:
Fifteen years. Environmental science.

JOHN A. DIMARZIO, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 4, APPENDIX B, AND C, ENVIRONMENTAL CONSEQUENCES
LEAD, CUMULATIVE IMPACTS, RESOURCE COMMITMENTS

Education: M.S., Geology, George Washington University
B.S., Geology, University of Maryland

Experience/Technical Specialty:
Twenty years. Geology, water resources, and waste management.

KEVIN T. FOLK, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: INFRASTRUCTURE, GEOLOGY AND SOILS, AND WATER RESOURCES,
APPENDIX F LEAD

Education: M.S., Environmental Biology, Hood College
B.A., Geoenvironmental Studies, Shippensburg University

Experience/Technical Specialty:
Fifteen years. Water resources management, NPDES permitting and regulatory analysis,
and earth resources and geologic hazards assessment.

DANIEL W. GALLAGHER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: RADIOLOGICAL IMPACTS, NORMAL OPERATIONS

Education: M.E., Nuclear Engineering, Rensselaer Polytechnic Institute
B.S., Nuclear Engineering, Rensselaer Polytechnic Institute

Experience/Technical Specialty:
Twenty-five years. Nuclear engineer, reliability and risk analysis.

DIANE HARMS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL EDITING

Education: B.F.A., Fine Arts, University of Connecticut

Experience/Technical Specialty:

Twenty years. Technical writing and editing.

DIANA HIRRLINGER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SUMMARY LEAD

Education: M.B.A., Marketing and Organizational Behavior, University of Maryland
B.S., Conservation of Natural Resources, University of California

Experience/Technical Specialty:

Twenty-four years. Nuclear and hazardous waste program analysis and planning, environmental regulatory compliance, and public outreach and intergovernmental interactions.

ROBERT G. HOFFMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 3 AFFECTED ENVIRONMENT LEAD, LAND USE, AND
VISUAL RESOURCES

Education: B.S., Environmental Resource Management, The Pennsylvania State University

Experience/Technical Specialty:

Eighteen years. NEPA compliance, regulatory review, public participation support, and land use planning.

ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TRANSPORTATION AND RISK ASSESSMENT, APPENDIX D LEAD

Education: Sc.D., Nuclear Engineering, Massachusetts Institute of Technology
N.E., Nuclear Engineering, Massachusetts Institute of Technology
M.S., Nuclear Engineering, Massachusetts Institute of Technology
B.Sc., Chemical Engineering, Abadan Institute of Technology

Experience/Technical Specialty:

Twenty-eight years. Nuclear power plant safety, risk and reliability analysis, design analysis, criticality analysis, accident analysis, consequence analysis, spent fuel dry storage safety analysis, and probabilistic risk assessments.

JASPER G. MALTESE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL IMPACTS: ACCIDENT ANALYSIS**

Education: M.S., Operations Research, George Washington University
B.S., Mathematics, Fairleigh Dickinson University

Experience/Technical Specialty:

Forty-one years. NEPA assessments, accident analyses, safety analysis report reviews, facility safety audits, and system reliability analyses.

MARGARET C. MCGOVERN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC PARTICIPATING FOR SCOPING**

Education: M.S., Interdisciplinary Studies (Environmental Science), University of Idaho
B.S., Microbiology, San Diego State University

Experience/Technical Specialty:

Fifteen years. Environmental specialist.

DIANE NEMETH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* CULTURAL RESOURCES**

Education: M.S., Urban Planning, Columbia University
B.A., Urban Planning, Miami University

Experience/Technical Specialty:

Thirty-two years. Urban planning.

DOUGLAS A. OUTLAW, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TECHNICAL EXPERT**

Education: Ph.D., Nuclear Physics, North Carolina State University
M.S., Nuclear Physics, North Carolina State University
B.S., Nuclear Physics, North Carolina State University

Experience/Technical Specialty:

Thirty-one years. Nuclear safety.

ARIS PAPADOPOULOS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 2 LEAD, PROJECT DESCRIPTION, ALTERNATIVES,
PUBLIC HEALTH AND SAFETY, NORMAL OPERATIONS

Education: M.S., Nuclear Engineering, University of Utah
B.S., Physics, Hamline University

Experience/Technical Specialty:

Thirty-three years. NEPA compliance, safety analysis assessments, regulatory reviews, nuclear facilities safety, radioactive waste management, accident and normal operations, and analysis support.

JAMES PARHAM, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: MEETING FACILITATOR

Education: M.P.A., Public Administration, American University
B.S., Natural Resources/Communications, Ball State

Experience/Technical Specialty:

Twenty-eight years. Meeting facilitation.

WILDA E. PORTNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL EDITING

Education: A.A. Business Administration, Frederick Community College

Experience/Technical Specialty:

Eighteen years. Technical editing, public outreach.

JEFFREY J. RIKHOFF, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: DEPUTY PROJECT MANAGER, EIS DOCUMENT MANAGER,
SUPERVISOR OF NONRADIOLOGICAL RESOURCE AREAS

Education: M.R.P., Regional/Environmental Planning, University of Pennsylvania
M.S., International Economic Development and Appropriate Technology,
University of Pennsylvania
B.A., English, DePauw University

Experience/Technical Specialty:

Eighteen years. NEPA compliance, regulatory compliance and permitting, socioeconomics, environmental justice, comprehensive land-use and development planning, and cultural resources.

JAMES R. SCHINNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ECOLOGICAL RESOURCES**

Education: Ph.D., Wildlife Management, Michigan State University
M.S., Zoology, University of Cincinnati
B.S., Zoology, University of Cincinnati

Experience/Technical Specialty:

Thirty-one years. Ecological field assessments, NEPA documentation, and regulatory reviews.

EDWARD Y. SHUM, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ENGINEERING SUPPORT, RADIOACTIVE WASTE**

Education: Ph.D., Environmental and Nuclear Chemistry, Oregon State University
M.S., Nuclear Chemistry, Oregon state University
B.S., Chemistry, University of California, Berkeley

Experience/Technical Specialty:

Thirty-two years. Licensing, nuclear facilities, spent nuclear fuel, senior safety and environmental project manager, health physics, dose assessments, and decommissioning and emergency planning.

ALAN TOBLIN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL IMPACTS: ACCIDENT ANALYSIS MODELING**

Education: M.S., Chemical Engineering, University of Maryland
B.E., Chemical Engineering, The Cooper Union

Experience/Technical Specialty:

Thirty-four years. Accident risk analysis.

TAMMY L. WAY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC PARTICIPATION**

Education: B.A., Political Science, Virginia Polytechnic Institute and State University

Experience/Technical Specialty:

Sixteen years. NEPA and public participation.

ROBERT H. WERTH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: NOISE ANALYSIS, AIR QUALITY MODELING

Education: B.A., Physics, Gordon College

Experience/Technical Specialty:

Twenty-nine years. Acoustics and air quality analysis, regulatory reviews, and NEPA documentation.