

CHAPTER 10
LIST OF PREPARERS

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ELIZABETH WITHERS, U.S. DEPARTMENT OF ENERGY, NATIONAL NUCLEAR SECURITY ADMINISTRATION (NEPA COMPLIANCE OFFICER, NNSA SERVICE CENTER)

EIS RESPONSIBILITIES: EIS DOCUMENT MANAGER, CHAPTER 1

Education: M.S., Life Sciences, Louisiana Tech University
B.S., Botany, Louisiana Tech University

Experience/Technical Specialty:

Twenty-four years. Environmental investigations and NEPA compliance.

KIRK OWENS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT MANAGER

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

Experience/Technical Specialty:

Twenty-six years. Radioactive waste management, regulatory, and environmental compliance and assessment, radiological assessment.

STEPHEN R. ALCORN, TIME SOLUTIONS CORP.

EIS RESPONSIBILITIES: GROUNDWATER, GEOCHEMISTRY, EVAPOTRANSPIRATIVE COVERS

Education: Ph.D., Geology, University of Georgia
M.S., Geology, University of South Carolina
A.B., Geology, Lafayette College

Experience/Technical Specialty:

Twenty-seven years. Geology and geochemistry, transport behavior of radionuclides, geochemical and hydrological modeling and analysis, performance assessment, environmental compliance.

KAREN ANTIZZO, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT-SPECIFIC ANALYSES

Education: M.S., Technology/Environmental Management, University of Maryland
B.S., Education, Towson University

Experience/Technical Specialty:

Sixteen years. Infrastructure, radioactive waste management, regulatory review, public participation.

TERRI L. BINDER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: APPENDIX C, RADIOLOGICAL AIR EMISSIONS AND HUMAN HEALTH

Education: M.A., Organizational Learning and Instructional Technology
B.A., Mathematics

Experience/Technical Specialty:

Fifteen years. Radiological facility site-specific training, DOE compliance, computer programming.

KENNETH F. BRINSTER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GROUNDWATER

Education: M.S., Geology, University of North Dakota
B.S., Biology and Education, Dickinson State University

Experience/Technical Specialty:

Twenty-eight years. Professional Geologist, Minnesota. Geology, hydrology, groundwater modeling, air permitting, solid and hazardous waste management, stormwater permitting, pollution prevention.

STEVEN P. CONNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GEOLOGY AND SOILS

Education: Ph.D., Geology, Texas A&M University
M.S., Geology, Texas A&M University
B.S. Geology, University of Delaware

Experience/Technical Specialty:

Seventeen years. Professional Geologist, South Carolina and Alabama. Environmental studies, risk assessment, earth resources and geologic characterization, contaminant fate and transport.

RICHARD D. CUNNINGHAM, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: APPENDIX J LEAD, PROJECT-SPECIFIC ANALYSES

Education: M.U.R.P., Urban and Regional Planning, University of Pittsburgh
Graduate Diploma in Social Science, Political Science, University of Stockholm
B.A., Political Science and History, Fairfield University

Experience/Technical Specialty:

Thirty-four years. NEPA, ES&H, environmental policy and regulations, facilities planning, land use, cultural resources, transportation.

M. J. DAVIS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WASTE MANAGEMENT

Education: J.D., Law, Georgetown University
B.S., Nuclear Engineering, University of Cincinnati

Experience/Technical Specialty:

Twenty-one years. Regulatory compliance and legal analysis, specializing in environmental protection.

ELLEN R. DIETRICH, SCIENCE APPLICATIONS INTERNATIONAL CORP.

EIS RESPONSIBILITIES: SUMMARY, WATER RESOURCES

Education: B.A., Anthropology, University of Illinois
Graduate school programs in Archaeology and Soil Science,
The Pennsylvania State University

Experience/Technical Specialty:

Thirty years. Soil science, NEPA, soil and water resource planning and management.

JOHN DiMARZIO, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CUMULATIVE IMPACTS

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

Experience/Technical Specialty:

Twenty-three years. NEPA compliance, geology, water resources, waste management, and cumulative impacts.

JOHN EICHNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 5 MANAGER, SOCIOECONOMICS

Education: B.S., Accounting, Syracuse University
B.S., Finance, Syracuse University

Experience/Technical Specialty:

Twenty-six years. Project management, impact analysis, socioeconomics, cost-benefit analyses.

SUSAN ENGELKE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: APPENDIX G, PROJECT-SPECIFIC ANALYSES

Education: B.S., Environmental Science/Geology, University of California at Sacramento

Experience/Technical Specialty:

Four years. Environmental analyst on NEPA/CEQA documents.

SANDRA B. ENYEART, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: APPENDIX G LEAD, CUMULATIVE IMPACTS, PROJECT-SPECIFIC ANALYSES

Education: B.S., Civil Engineering, Georgia Institute of Technology
B.F.A., Art, Idaho State University

Experience/Technical Specialty:

Thirty-one years. Professional Engineer (Civil Engineer), Idaho. NEPA analysis, cumulative impacts, safety analyses, environmental monitoring, water resources management and impact analysis.

BETH FARRELL HALE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PUBLIC AFFAIRS LEAD, EMERGENCY MANAGEMENT

Education: B.A., Liberal Arts, University of New Mexico

Experience/Technical Specialty:

Seventeen years. Public affairs, public involvement, and risk communication.
Fifteen years. Emergency management.

DEBBIE J. FINROCK, TIME SOLUTIONS CORP.

EIS RESPONSIBILITIES: WATER RESOURCES

Education: M.S., Civil Engineering (Environmental Emphasis), University of New Mexico
B.S., Mechanical Engineering, University of Kentucky

Experience/Technical Specialty:

Twenty-four years. Professional Engineer, New Mexico. Waste management and pollution prevention, water resources management, landfill closure design and modeling.

KEVIN T. FOLK, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: INFRASTRUCTURE, PROJECT-SPECIFIC ANALYSES

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

Experience/Technical Specialty:

Seventeen years. Water resources management, utility infrastructure analysis, NPDES permitting and regulatory analysis, earth resources and geologic hazards assessment.

STEVE GEIGER, URS CORPORATION

EIS RESPONSIBILITIES: SCIENCE COMPLEX AND WAREHOUSE FACILITY PROJECT-SPECIFIC ANALYSES (WASTE AND WATER RESOURCES)

Education: Ph.D., Environmental/Agricultural Engineering, The Colorado State University
B.S., M.S. Civil Engineering, The University of New Mexico

Experience/Technical Specialty:

Sixteen years. Professional Engineer, New Mexico. Civil engineering, hydrology, and environmental engineering design, risk management, remediation, compliance, project management.

MILTON E. GORDEN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: APPENDIX H CO-LEAD, PROJECT-SPECIFIC ANALYSES

Education: B.S., Nuclear Engineering, North Carolina State University

Experience/Technical Specialty:

Sixteen years. Engineer-in-training (Georgia). Waste management, transportation, human health impacts, socioeconomics, environmental remediation technologies.

TENA A. GRABEN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: MATERIAL DISPOSAL AREAS CHARACTERIZATION AND HAZARD ASSESSMENT

Education: B.S., Professional Biology, University of North Alabama

Experience/Technical Specialty:

Twenty years. Applied health physics, occupational and environmental radiological hazards assessment and dose modeling, regulatory compliance, emergency management.

KATIE A. GRASTY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GENERAL SUPPORT

Education: M.E.M., Conservation Science and Policy, Duke University
B.S., Geography, Radford University

Experience/Technical Specialty:

Two years. Environmental law and compliance, ecosystem and natural resource science.

CHADI D. GROOME, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
EIS RESPONSIBILITIES: DEPUTY PROJECT MANAGER, CHAPTER 3 MANAGER

Education: M.S., Environmental Engineering Sciences, University of Florida
B.S., Zoology, Clemson University

Experience/Technical Specialty:

Twenty-six years. Environmental and nuclear regulatory compliance, permitting, and licensing, NPDES permitting, radioactive and hazardous waste management.

CATHY G. HAUPT, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
EIS RESPONSIBILITIES: CHAPTER 6 MANAGER

Education: M.S., Science Education (Biology), Clarion University
B.S., Secondary Education (Geography/Environmental Science), Clarion State College

Experience/Technical Specialty:

Twenty-five years. Regulatory compliance, technical research, quality control.

ROBERT G. HOFFMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
EIS RESPONSIBILITIES: APPENDIX H CO-LEAD, PROJECT-SPECIFIC ANALYSES

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

Experience/Technical Specialty:

Twenty years. NEPA compliance, regulatory review, land use planning.

ROBERT W. HULL, LOS ALAMOS TECHNICAL ASSOCIATES, INCORPORATED
EIS RESPONSIBILITIES: ENVIRONMENTAL REMEDIATION DATA AND ACCIDENT ANALYSIS

Education: M.S., Civil Engineering (focus Environmental Engineering), Stanford University
M.S., Geochemistry and Environmental Geology, Florida State University
B.S., Geology, Florida State University

Experience/Technical Specialty:

Thirty-five years. Environmental impacts assessments, environmental baseline surveys, human health risk assessment, environmental remediation.

JAMES D. JAMISON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
EIS RESPONSIBILITIES: HUMAN HEALTH IMPACTS, SPECIAL PATHWAYS ASSESSMENTS

Education: B.A., Physics, Doane College

Experience/Technical Specialty:

Thirty-six years. Certified Health Physicist. Occupational and environmental radiation safety, accident analysis, assessment of impacts from release of radioactive materials and toxic chemicals.

CHARLES M. JOHNSON, JR., SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: MATERIAL DISPOSAL AREAS CHARACTERIZATION AND HAZARD ASSESSMENT

Education: M.S., Chemistry, Western Carolina University
B.S., Geology, Western Carolina University

Experience/Technical Specialty:

Twenty-two years. Radiochemistry, radiochemical data analysis, validation, and interpretation, site characterization.

CANDI L. JONES, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: BIOLOGICAL SCIENCES

Education: B.S., Cell and Molecular Biology, Minor, Chemistry, University of Montana

Experience/Technical Specialty:

Nine years. Biochemistry, biological warfare and biological warfare agents, risk assessments, biological containment, threat analysis.

ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT ENGINEER, TRANSPORTATION AND RISK ASSESSMENT

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

JULIE KUTZ, URS CORPORATION

EIS RESPONSIBILITIES: SCIENCE COMPLEX AND WAREHOUSE FACILITY PROJECT-SPECIFIC ANALYSES (BIOLOGICAL RESOURCES, FLOODPLAINS AND WETLANDS, VISUAL RESOURCES, AND SOCIOECONOMICS)

Education: B.S., Biology, University of New Mexico

Experience/Technical Specialty:

Six years. Environmental and natural resources.

DALE LYONS, URS CORPORATION

EIS RESPONSIBILITIES: SCIENCE COMPLEX AND WAREHOUSE FACILITY PROJECT-SPECIFIC ANALYSES (SOILS, HUMAN HEALTH, TRANSPORTATION, AND GENERAL ENVIRONMENTAL RESOURCE CONSIDERATIONS)

Education: M.S., Soil Chemistry and Land Rehabilitation, The Montana State University
B.S., Soils and Environmental Science, The Montana State University

Experience/Technical Specialty:

Fourteen years. Environmental consulting, scientific research, and project management.

JASPER G. MALTESE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ACCIDENT ANALYSIS, RADIOLOGICAL AND CHEMICAL IMPACTS

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

Experience/Technical Specialty:

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

GREGORY F. MARTIN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: HUMAN HEALTH IMPACTS, SPECIAL PATHWAYS ASSESSMENTS

Education: M.S., Radiological Physics, San Diego State University
B.S., Physics, San Diego State University

Experience/Technical Specialty:

Twenty-four years. Hazards assessment, accident analysis, environmental transport of hazardous materials, and assessment of human impacts.

PAUL MINK, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: MATERIAL DISPOSAL AREAS CHARACTERIZATION AND HAZARD ASSESSMENT

Education: M.S., Nuclear (Radiological) Engineering (coursework completed, thesis in progress), University of Tennessee
B.S., Industrial Engineering, University of Tennessee

Experience/Technical Specialty:

Thirteen years. Health physics, evaluation of survey data and radiological engineering analysis.

STEVEN M. MIRSKY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: HUMAN HEALTH LEAD, APPENDIX D LEAD, ACCIDENT ANALYSIS

Education: M.S., Nuclear Engineering, The Pennsylvania State University
B.S., Mechanical Engineering, Cooper Union

Experience/Technical Special:

Thirty years. Professional Engineer (Mechanical) Maryland. Safety analysis, nuclear powerplant design, operations, foreign nuclear powerplant system analysis, accident analysis, thermal hydraulics, shielding and dose assessment, spent nuclear fuel dry storage safety analysis.

STEVEN E. MIXON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL EDITOR

Education: B.S., Communications, University of Tennessee

Experience/Technical Specialty:

Eighteen years. Program analyst, technical writer and editor, speechwriter, publications specialist.

SHEA NELSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GENERAL SUPPORT, QUALITY ASSURANCE

Education: M.E., Environmental Engineering, University of Maryland
B.A., Environmental Science, University of Virginia

Experience/Technical Specialty:

Six years. Regulatory compliance, environmental remediation, technical writing, quality assurance/quality control.

ARIS PAPADOPOULOS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WORKER AND PUBLIC HEALTH AND SAFETY

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

Experience/Technical Specialty:

Thirty-seven years. NEPA compliance, nuclear facilities regulatory compliance, radiological risk analysis, health physics, radioactive waste management.

WILDA E. PORTNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PUBLIC INVOLVEMENT, TECHNICAL EDITOR

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

Experience/Technical Specialty:

Sixteen years. Public information, Tribal relations, technical writing and editing.

JEFFREY J. RIKHOFF, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: DEPUTY PROJECT MANAGER, CHAPTER 2, ENVIRONMENTAL JUSTICE

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:

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

JOSEPH F. ROBBINS, U.S. DEPARTMENT OF ENERGY, NATIONAL NUCLEAR SECURITY ADMINISTRATION (NEPA COMPLIANCE OFFICER, ALBUQUERQUE SERVICE CENTER)

EIS RESPONSIBILITIES: DOCUMENT REVIEW

Education: B.S., Biology, University of Maine
Graduate Studies, University of Massachusetts and Utah State University

Experience/Technical Specialty:

Thirty-one years. Environmental investigations, NEPA compliance.

NESETARI A. ROBINSON, SCIENCE APPLICATION INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ENVIRONMENTAL DATA ANALYSES

Education: B.S., Chemical Engineer, University of Maryland Baltimore County

Experience/Technical Specialty:

Nine months. Engineer-in-training (Maryland). Technical writer and compiling data into graphs and charts.

GARY W. ROLES, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: MATERIAL DISPOSAL AREA REMEDIATION, CANYON CLEANUPS, AND OTHER COMPLIANCE ORDER ACTIONS LEAD

Education: M.S., Nuclear Engineering, University of Arizona
B.S., Mechanical Engineering, Arizona State University

Experience/Technical Specialty:

Twenty-eight years. Radioactive waste management; regulatory and compliance analysis.

THOMAS L. RUCKER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: MATERIAL DISPOSAL AREAS CHARACTERIZATION AND HAZARD ASSESSMENT

Education: Ph.D., Analytical Chemistry, Health Physics Minor, University of Tennessee
M.S., Environmental Chemistry, University of Tennessee
B.S., Chemistry, David Lipscomb University

Experience/Technical Specialty:

Thirty-three years. Analytical chemistry, radiochemistry, radiological monitoring, dose and risk assessment, and environmental and waste characterization.

PETER C. SANFORD, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT-SPECIFIC ANALYSES, DD&D AND CONSTRUCTION PARAMETER ESTIMATES

Education: M.S., Metallurgical Engineering, Colorado School of Mines
B.S.E., Chemical Engineering/Material Science, University of Connecticut

Experience/Technical Specialty:

Twenty-six years. Project management, actinide recovery and processing, health physics, decontamination and decommissioning, waste management, and environmental compliance.

JAMES R. SCHINNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 4 MANAGER, LAND, VISUAL, ECOLOGICAL, AND CULTURAL 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-three years. Ecological field assessments, NEPA documentation, regulatory reviews.

JENNIFER C. SMITH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PAST PERFORMANCE AND DESCRIPTION OF ALTERNATIVES

Education: M.S., Natural Resources and Environment, University of Michigan
B.A., Environmental Studies, University of Vermont

Experience/Technical Specialty:

Two years. Environmental education and public awareness, risk communication.

MARY ALICE SPIVEY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LAWS AND REGULATIONS

Education: B.S., Environmental Science, Florida Institute of Technology

Experience/Technical Specialty:

Twenty-three years. Regulatory analysis and compliance, waste management, NEPA compliance.

ELLEN TAYLOR, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 5, PROJECT-SPECIFIC ANALYSES

Education: Ph.D., Biology, University of Pennsylvania
B.A., Zoology, University of Vermont

Experience/Technical Specialty:

Twenty-four years. Environmental compliance and NEPA assessments.

ALAN L. TOBLIN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ACCIDENT ANALYSIS, RADIOLOGICAL AND CHEMICAL IMPACTS

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

Experience/Technical Specialty:

Thirty-five years. Contaminant transport through air, groundwater, and surface water, accident risk analysis.

TOBY WALTERS, URS CORPORATION

EIS RESPONSIBILITIES: SCIENCE COMPLEX AND WAREHOUSE FACILITY PROJECT-SPECIFIC ANALYSES (GEOLOGIC AND ENVIRONMENTAL RESOURCES)

Education: M.S., Water Resources Management, The University of New Mexico
B.S., Geology, The University of New Mexico

Experience/Technical Specialty:

Twenty-six years. Environmental consulting and project management.

ROBERT H. WERTH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: NOISE ANALYSIS, AIR QUALITY MODELING

Education: B.A., Physics, Gordon College

Experience/Technical Specialty:

Thirty years. Acoustics and air quality analysis, regulatory reviews, and NEPA documentation.

JACK YOUNG, URS CORPORATION

EIS RESPONSIBILITIES: SCIENCE COMPLEX AND WAREHOUSE FACILITY PROJECT-SPECIFIC
ANALYSES (ARCHAEOLOGICAL DATA ANALYSIS)

Education: M.A., Archaeological Survey and Cultural Resource Planning, Durham
B.A., History, The University of New Mexico

Experience/Technical Specialty:

Nine years. Cultural resource management and planning throughout the greater Southwestern USA and Britain; New Mexico State Land Use Permit for Archaeology 2005 NM-05-187; 2005 Laboratory of Anthropology curation agreement and ARMS user agreement.