
7. LIST OF PREPARERS

SUSAN LESICA, DEPARTMENT OF ENERGY, NE-40

EIS RESPONSIBILITIES: EIS DOCUMENT MANAGER

Education: M.S., Materials Science and Engineering, University of Texas
B.S., Materials Science and Engineering, Rensselaer Polytechnic Institute

Experience/

Technical Specialty: Four years. Environment, safety and health, materials characterization, and demilitarization of excess munitions.

RAJ SHARMA, DEPARTMENT OF ENERGY, NE-40

EIS RESPONSIBILITIES: NEPA COMPLIANCE OFFICER

Education: Ph.D., Fisheries, Biology, Utah State University
M.S., Zoology, Agra University
B.C., Chemistry, Zoology, Botany, Agra University

Experience/

Technical Specialty: Thirty years. Environmental sciences, regulatory compliance, and NEPA evaluation of nuclear facilities.

DAN FUNK, DEPARTMENT OF ENERGY, NE-40

EIS RESPONSIBILITIES: PROGRAM MANAGER

Education: TVA Manager Certification (Senior Reactor Operator)
Naval Nuclear Engineer Certification
Naval Nuclear Power School and Nuclear Prototype Training
B.S., Applied Mathematics, Georgia Institute of Technology

Experience/

Technical Specialty: Twenty-four years. Naval nuclear propulsion and surface warfare experience, nuclear engineering, external affairs, license renewal, and electrometallurgical treatment research and development.

W. GREGORY BASS, DEPARTMENT OF ENERGY

EIS RESPONSIBILITIES: REVIEWER

Education: B.S., Civil Engineering, Georgia Institute of Technology

Experience/

Technical Specialty: Sixteen years. Public works design, construction, and environmental regulatory compliance oversight.

KARL E. WALTZER, DEPARTMENT OF ENERGY

***EIS RESPONSIBILITIES:* TECHNOLOGY DEVELOPMENT**

Education: B.S., Mechanical Engineering, West Virginia University

Experience/

Technical Specialty: Eighteen years. Nuclear industry experience in maintenance, waste management, safety analysis, and chemical separation technology.

BARRY SMITH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RESPONSIBLE CORPORATE OFFICER, SENIOR REVIEW, LEGAL AND REGULATORY ISSUES**

Education: J.D., George Washington University National Law Center
B.A., Political Science, Indiana University

Experience/

Technical Specialty: Twenty-five years. Assistant Vice President, Division Manager, NEPA compliance, environmental law, regulatory compliance, and waste management.

STEVEN M. MIRSKY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PROJECT MANAGER**

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

Experience/

Technical Specialty: Twenty-four years. Assistant Vice President, 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.

JAMES R. SCHINNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* DEPUTY PROJECT MANAGER**

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

Experience/

Technical Specialty: Twenty-six years. Ecological field assessments, NEPA documentation, and regulatory reviews.

ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* CHAPTER MANAGER FOR ENVIRONMENTAL CONSEQUENCES**

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.S., Chemical Engineering, Abadan Institute of Technology

Experience/

Technical Specialty: Twenty-three years. Nuclear power plant safety, risk and reliability analysis, design analysis, criticality analysis, and probabilistic risk assessments.

ARIS PAPADOPOULOS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* CHAPTER MANAGER FOR INTRODUCTION AND PROPOSED ACTION**

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

Experience/

Technical Specialty: Twenty-eight years. Safety analysis assessments, regulatory reviews, reactor safety, fuel cycle facility systems, radioactive waste management, and accident analysis support, and National Environmental Policy Act compliance.

MARY ANDERSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ACCIDENT CONSEQUENCE ANALYSIS**

Education: M.S., Hazardous Waste Management, Idaho State University
B.S., Physics with Health Physics Emphasis, Idaho State University

Experience/

Technical Specialty: Seven years. Radiological risk assessment, transportation risk assessment, and health physics.

PAULA AUSTIN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* SAVANNAH RIVER SITE LIAISON**

Education: B.S., Management and Technology, University of Maryland

Experience/

Technical Specialty: Twenty-two years. Nuclear and waste management policy analysis, technical writing, and communications.

RAKESH BAHADUR, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ENVIRONMENTAL JUSTICE AND GEOGRAPHIC INFORMATION SYSTEMS (GIS)**

Education: Ph.D., Groundwater Hydrology, Colorado State University
M.S., Groundwater Hydrology, Colorado State University
M.S., Geology, Punjab University

Experience/

Technical Specialty: Seventeen years. Hydrology, water pollution and hazardous waste management, site characterization, environmental assessments, risk management, modeling, and high-resolution simulation.

SOUAD BENROMDHANE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* AIR QUALITY, COMMENTS RESPONSE, AND QUALITY ASSURANCE**

Education: Ph.D., Environmental Engineering, Michigan State University
M.S., Geotechnical Engineering, École Polytechnique de Paris, FRANCE
M.S., Civil Engineering, École Nationale d'Ingenieurs de Tunis, TUNISIA
B.S., Civil Engineering, École Nationale d'Ingenieurs de Tunis, TUNISIA

Experience/

Technical Specialty: Nine years. Human health exposure and risk assessment from air pollution. Multi-attribute utility modeling in decision theory for selecting substitutes. Wastewater treatment, urban development, landscape, and industrial waste management.

KEN BULMAHN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* SPENT NUCLEAR FUEL CHARACTERIZATION**

Education: B.S., Mechanical Engineering, Purdue University
Graduate studies, Safety Analysis, University of Idaho

Experience/

Technical Specialty: Twenty-five years. Spent nuclear fuel management, safety analysis, and probabilistic risk assessment.

SYDEL CAVANAUGH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC OUTREACH**

Education: B.A., Interdisciplinary Studies - Personnel/Sociology, University of Maryland

Experience/

Technical Specialty: Fourteen years. Public participation, technical writing, and communications.

ALVA L. COLLINS, JR., SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* CHEMICAL PROCESS TECHNICAL EXPERT**

Education: Ph.D., Inorganic Chemistry, Duke University
M.B.A., Public Sector Management, Wharton Graduate School, University of Pennsylvania
M.A., Inorganic Chemistry, Duke University
A.B., Chemistry, Oberlin College

Experience/

Technical Specialty: Twenty-two years. Strategic and program planning and methodology development.

GARY DEMOSS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TRANSPORTATION**

Education: M.S., Engineering Administration, Virginia Polytechnic Institute
B.S., Mechanical Engineering, University of Virginia

Experience/

Technical Specialty: Seventeen years. Transportation risk analysis and reliability and safety engineering.

THOMAS ENYEART, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ANL-W/INEEL LIAISON**

Education: M.S., Nuclear Engineering (Radiation Protection Option), Georgia Institute of Technology
M.S., Environmental Engineering, Georgia Institute of Technology
B.S., Physics, Georgia Institute of Technology

Experience/

Technical Specialty: Twenty-three years. Radiological and chemical risk assessment, transportation risk assessment, accident analysis, and environmental analysis.

DANIEL W. GALLAGHER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NUCLEAR REACTOR ENGINEERING, REACTOR CORE PHYSICS**

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

Experience/

Technical Specialty: Seventeen years. Reliability and risk engineering, probabilistic safety assessments, plant design, and regulatory analysis.

GRACE GILDEN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC OUTREACH**

Education: B.S., Journalism, University of Maryland

Experience/

Technical Specialty: Twenty-two years. Public participation, technical writing, meeting planning, and media and public affairs.

CONSTANCE M. HAGA, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NONRADIOLOGICAL ASSESSMENTS**

Education: B.S., Meteorology, Pennsylvania State University

Experience/

Technical Specialty: Thirteen years. Air and water quality analyses.

DIANE HARMS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TECHNICAL EDITING**

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

Experience/

Technical Specialty: Fifteen years. Technical writing and editing.

CATHY GORIN HAUPT, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* REGULATORY COMPLIANCE**

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

Experience/

Technical Specialty: Twenty years. Environmental compliance, project management, communications, science education, and hazardous waste training.

WILLIAM E. HOUSE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ACCIDENT DEVELOPMENT**

Education: B.S., Geological Engineering, University of Idaho
Graduate studies, Nuclear Engineering, Environmental Science, Groundwater Hydrology, University of Idaho

Experience/

Technical Specialty: Fifteen years. Accident analysis, safety analysis, and environmental analysis.

CATHY HUSS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PUBLIC OUTREACH, RESEARCH, GLOBAL INFORMATION SYSTEMS

Education: M.S., Environmental Science, Indiana University
M.S., Secondary Education (Chemistry/Biology), Indiana University
B.S., Biology, Indiana University

Experience/

Technical Specialty: Seven years. Technical writing, and science education.

CHARLOTTE JOHNSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PUBLIC OUTREACH AND SCOPING LEAD

Education: M.S., Technology Management, University of Maryland
B.S., Chemistry, University of Maryland

Experience/

Technical Specialty: Twenty years. Environmental and waste management, regulatory compliance, NEPA, risk and public communication, industrial hygiene, and project management.

MICHAEL S. KING, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ENVIRONMENTAL CONSEQUENCE ANALYSIS

Education: Ph.D. Candidate, Health Physics, Florida State University
M.S., Health Physics, Florida State University
B.S., Physics and Applied Mathematics, Florida State University

Experience/

Technical Specialty: Radiological and risk assessment and analysis of treatment methods for mixed waste.

MIKE MCKENZIE-CARTER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: NORMAL OPERATIONS AND WASTE GENERATION

Education: M.S., Radiation Health, Oregon State University
B.A., Zoology, Humboldt State University

Experience/

Technical Specialty: Seventeen years. Radiological risk assessment, health physics, and environmental analysis.

STEVE MIXON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PUBLIC PARTICIPATION ISSUES, TECHNICAL EDITING

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

Experience/

Technical Specialty: Eleven years. Technical writing and editing.

KATHERINE NIEDERHELMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL EDITING, COORDINATION

Education: B.G.S., General Studies, University of Maryland

Experience/

Technical Specialty: Fifteen years. Emergency management, training, and technical writing and editing.

JEFFREY J. RIKHOFF, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL INFORMATION COORDINATOR, SOCIOECONOMICS, ENVIRONMENTAL JUSTICE, AND REGULATORY ISSUES

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

Experience/

Technical Specialty: Twelve years. NEPA compliance, regulatory compliance and permitting, socioeconomics, environmental justice, comprehensive land use and development planning, and cultural resources.

ROBERT SCHLEGEL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: RADIOLOGICAL IMPACT ASSESSMENTS AND ACCIDENTS

Education: Degree of Nuclear Engineer, Columbia University
M.S., Nuclear Engineering, Columbia University
B.S., Chemical Engineering, Massachusetts Institute of Technology

Experience/

Technical Specialty: Thirty-four years. Radiological impact assessments, radiological dose/health effects calculations, and safety analysis.

EDWARD Y. SHUM, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL REVIEWER AND PREPARER OF RESPONSES TO PUBLIC COMMENTS

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: Twenty-six years in licensing nuclear facilities spent nuclear fuel, senior safety and environmental project manager, health physics, dose assessment, and decommissioning and emergency planning.

CARL A. SNYDER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL ASSESSMENT ANALYSIS**

Education: B.S., Nuclear Engineering, University of Maryland
B.S., Mathematics, University of Maryland

Experience/

Technical Specialty: Six years. Nuclear safety, nuclear criticality, thermal hydraulics, licensing, accident analysis, and dose consequences.

CATHY STEWART, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ADMINISTRATIVE RECORD**

Education: Computer Information Systems course work, Strayer College

Experience/

Technical Specialty: Twenty years. Database and records management, and congressional affairs.

GILBERT H. WALDMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL ASSESSMENT ANALYSIS**

Education: M.S., Technical Management, Johns Hopkins University
B.S., Nuclear Engineering, University of Florida

Experience/

Technical Specialty: Eight years. Radiological impacts analysis, radiological dose modeling, and radiological risk assessments.

ROBERT H. WERTH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NONRADIOLOGICAL ASSESSMENT ANALYSIS**

Education: B.A., Physics, Gordon College

Experience/

Technical Specialty: Twenty-four years. Acoustics and air quality analysis, regulatory reviews, and NEPA documentation.

JOHN W. WILLIAMS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ENVIRONMENTAL JUSTICE**

Education: Ph.D., Physics, New Mexico State University
M.S., Physics, New Mexico State University
B.S., Mathematics, North Texas State University

Experience/

Technical Specialty: Twenty-three years. NEPA compliance, electromagnetic models, air quality modeling, and ionizing radiation impacts and safety.