
8. LIST OF PREPARERS

JAMES J. ROSE, DEPARTMENT OF ENERGY, DP-45

EIS RESPONSIBILITIES: EIS DOCUMENT MANAGER

Education: J.D., Columbus School of Law, Catholic University
B.S., Ocean Engineering, U.S. Naval Academy

Experience/

Technical Specialty: Fourteen years. NEPA compliance and environmental law.

ALFRED W. FELDT, DEPARTMENT OF ENERGY, DP-45

EIS RESPONSIBILITIES: EIS DOCUMENT DEPUTY MANAGER

Education: B.A., Economics, American University

Experience/

Technical Specialty: Twenty years. Environmental assessments.

STEPHEN P. CHASE, DEPARTMENT OF ENERGY, DP-45

EIS RESPONSIBILITIES: HEALTH PHYSICS

Education: M.S., Radiation Science, Georgetown University
B.A., Biochemistry, Rice University

Experience/

Technical Specialty: Thirteen years. Health Physics.

IBRAHIM H. ZEITOUN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT MANAGER, NEPA REGULATION, ECOLOGY, TECHNICAL OVERVIEW

Education: Ph.D., Environmental Sciences, Michigan State University
M.S., Fisheries, Michigan State University
B.S., Chemistry & Zoology, University of Alexandria

Experience/

Technical Specialty: Twenty-four years. Environmental regulatory compliance and assessments, waste management, environmental assessments, and National Environmental Policy Act (NEPA) compliance.

BARRY SMITH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ASSISTANT PROJECT MANAGER, NEPA COMPLIANCE, REGULATORY ISSUES

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

Experience/

Technical Specialty: Twenty-five years. NEPA compliance, environmental law, regulatory compliance, and waste management.

ARIS PAPADOPOULOS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT ENGINEER, NUCLEAR SAFETY, TECHNICAL OVERVIEW

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

Experience/

Technical Specialty: Twenty-four years. Safety analysis assessments, regulatory reviews, reactor safety, fuel cycle facility systems, radioactive waste management, and accident analysis support.

CYRUS AFSHAR, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SPENT FUEL STORAGE, REACTOR FACILITIES

Education: B.S., Nuclear Engineering, University of Tennessee

Experience/

Technical Specialty: Seven years. Reactor safety, regulatory compliance, environmental management, fuel cycle safety, and accident analysis.

RAKESH BHADUR, 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.

GITA BHATIA, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ADMINISTRATIVE RECORD, TECHNICAL EDITING

Education: M.A., English Literature, Miranda House, Delhi University
B.A., English Literature, Miranda House, Delhi University

Experience/

Technical Specialty: Eleven years. Technical writing and editing.

LARRY B. BLACKWOOD, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* REGULATORY COMPLIANCE AND REQUIREMENTS**

Education: J.D., Stanford University
B.S., Engineering, North Carolina State University

Experience/

Technical Specialty: Twenty-six years. Environmental and energy law and consulting.

LOUIS C. BORGHI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* CHEMICAL HAZARDS, WASTE MANAGEMENT**

Education: M.S., Ecology, Pennsylvania State University
B.A., Biology, LaSalle University

Experience/

Technical Specialty: Eighteen years. Environmental fate, and chemical risk assessment evaluations.

HARRY CHERNOFF, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* SOCIOECONOMIC ANALYSIS**

Education: M.B.A., Marymount University
B.A., Economics, College of William & Mary

Experience/

Technical Specialty: Eighteen years. Energy economics, policy and regulatory analysis, socioeconomics, and financial and political analysis.

V. BRIAN D'ANDREA, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* POLICY ISSUES, TECHNICAL OVERVIEW**

Education: Masters of Environmental Engineering, Environmental Management, Johns Hopkins University
B.S., General Engineering, U.S. Naval Academy

Experience/

Technical Specialty: Eighteen years. Pollution prevention, facility transition, waste management, aviation systems research and development, aviation operations, defense systems acquisition, and emergency operations.

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.

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.

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, ADMINISTRATIVE RECORD

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

Experience/

Technical Specialty: Fifteen years. Technical writing and editing.

C. C. HERRINGTON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: AFFECTED ENVIRONMENT

Education: B.S., Chemical Engineering, Oregon State University

Experience/

Technical Specialty: Thirty-nine years. Spent nuclear fuel storage and transportation licensing, technical and regulatory critical reviews, and applicant licensing documentation management.

ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: REACTOR CORE PHYSICS, RADIOLOGICAL ASSESSMENTS, TECHNICAL OVERVIEW

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.

JAMES F. MARTIN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* EDITOR**

Education: M.S., Theoretical Linguistics, Georgetown University
B.S., Modern Languages, Memphis State University

Experience/

Technical Specialty: Thirty-nine years. Technical writing and editing.

STEVEN MIRSKY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* SPENT FUEL STORAGE, TECHNICAL OVERVIEW**

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

Experience/

Technical Specialty: Twenty-two years. Safety analysis, nuclear power plant design, operations, foreign nuclear power plant system analysis, and spent nuclear fuel dry storage safety analysis.

STEVE MIXON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC PARTICIPATION ISSUES, TECHNICAL EDITING**

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

Experience/

Technical Specialty: Ten years. Technical writing and editing.

MATTHEW RAGER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NUCLEAR ENGINEERING, DECONTAMINATION AND DECOMMISSIONING**

Education: B.S., Nuclear Engineering, Purdue University

Experience/

Technical Specialty: Eighteen years. NRC licensing, reactor decontamination and decommissioning evaluations, safety analysis assessments, regulatory reviews, and reactor safety.

JEFFREY J. RIKHOFF, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TECHNICAL INFORMATION COORDINATOR, ENVIRONMENTAL CONSEQUENCES**

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.

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.

BARRY SULLIVAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL ASSESSMENT OVERVIEW**

Education: M.B.A., Hofstra University
B.S., Electrical Engineering, Rutgers University

Experience/

Technical Specialty: Thirty-six years. Radiological impact assessments, safety analysis, facility accident analysis, risk-consequence analysis, and design review.

KATHERINE VON WALD, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TECHNICAL EDITING, PROJECT COORDINATION**

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

Experience/

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

GILBERT H. WALDMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

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

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

Experience/

Technical Specialty: Seven 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.

KEVIN D. SEAGER, SANDIA NATIONAL LABORATORIES

***EIS RESPONSIBILITIES:* TRANSPORTATION ANALYSIS**

Education: Ph.D., Nuclear Engineering, Texas A&M University
M.S., Nuclear Engineering, Texas A&M University
B.S., Nuclear Engineering, Texas A&M University

Experience/

Technical Specialty: Eight years. Transportation risk analysis, containment, shielding, and criticality.

GREG ASKEW, TENNESSEE VALLEY AUTHORITY

***EIS RESPONSIBILITIES:* AGENCY NEPA COMPLIANCE**

Education: M.S., Mechanical Engineering, Tennessee Technological University
M.S., Environmental Engineering, University of Tennessee
B.S., Mechanical Engineering, Tennessee Technological University

Experience/

Technical Specialty: Twenty-four years. NEPA compliance, environmental systems, thermal analysis, and engineering design.

ROY V. CARTER, TENNESSEE VALLEY AUTHORITY

***EIS RESPONSIBILITIES:* PROJECT MANAGEMENT, NEPA REVIEWS, AIR QUALITY**

Education: M.S.E., Environmental Engineering, West Virginia University
B.S.C.E., Civil Engineering, West Virginia University
B.S., Biology, Morehead State University

Experience/

Technical Specialty: Twenty-nine years. Project engineering, air pollution control and engineering, air quality monitoring, environmental assessments, and site analysis.

JIM CHARDOS, TENNESSEE VALLEY AUTHORITY

***EIS RESPONSIBILITIES:* TVA PROJECT MANAGER**

Education: M.B.A., Rutgers University
B.S., Physics, Rensselaer Polytechnic Institute

Experience/

Technical Specialty: Thirty-four years. Nuclear physics, reactor safety, and reactor operations.

JAMES H. EBLEN, TENNESSEE VALLEY AUTHORITY

EIS RESPONSIBILITIES: SOCIOECONOMICS, ENVIRONMENTAL JUSTICE

Education: Ph.D., Economics, University of Tennessee
B.S., Business Administration, University of Tennessee

Experience/

Technical Specialty: Thirty-two years. Socioeconomic impact analysis, economic accounting and indicators, regional economic development, minority economic development, and economic and demographic projections.

BETSY EIFORD-LEE, WATTS BAR NUCLEAR PLANT, TENNESSEE VALLEY AUTHORITY

EIS RESPONSIBILITIES: TECHNICAL REVIEW OF RADIOACTIVE EFFLUENT RELEASE AND DOSE

Education: M.S., Health Physics, Georgia Institute of Technology
B.S., Physics, Rhodes College

Experience/

Technical Specialty: Fifteen years. Routine effluent and emergency dose assessments on both the site and corporate level, radioactive effluent monitoring and evaluation, development and maintenance of offsite dose calculation manuals for all TVA sites, safety analysis preparation, and EIS support for radioactive release analyses.

JOHN J. JENKINSON, TENNESSEE VALLEY AUTHORITY

EIS RESPONSIBILITIES: REVIEWER, MUSSELS AND CLAMS, ENDANGERED SPECIES

Education: Ph.D., Zoology, Ohio State University

Experience/

Technical Specialty: Twenty-five years. Mussel surveys, aquatic impact assessments, Endangered Species Act, and NEPA.

DON LOKEY, ATMOSPHERIC SCIENCES, TENNESSEE VALLEY AUTHORITY

EIS RESPONSIBILITIES: NONRADIOLOGICAL AIR EMISSION INVENTORY, REVIEW OF EIS AIR QUALITY SECTIONS

Education: M.ChE., Auburn University
B.ChE., Auburn University

Experience/

Technical Specialty: Twenty-three years. Air pollution control technology review, air emission estimates, and regulatory reviews.

CHARLES P. NICHOLSON, TENNESSEE VALLEY AUTHORITY

***EIS RESPONSIBILITIES:* THREATENED AND ENDANGERED SPECIES TECHNICAL OVERVIEW**

Education: Ph.D. Candidate, Ecology, University of Tennessee
M.S., Wildlife Ecology, University of Maine
B.S., Wildlife and Fisheries Science, University of Tennessee

Experience/

Technical Specialty: Twenty years. Endangered Species Act compliance, NEPA reviews and compliance, and wildlife and endangered species management and assessment.

JAMES F. WILLIAMSON, JR., LAND MANAGEMENT, TENNESSEE VALLEY AUTHORITY

***EIS RESPONSIBILITIES:* COORDINATION OF INPUT FROM LAND MANAGEMENT TECHNICAL STAFF**

Education: Ph.D., Fisheries and Wildlife Sciences, Virginia Polytechnic Institute and State University
M.S., Wildlife Ecology, Mississippi State University
B.S., General Science/Zoology, Mississippi State University

Experience/

Technical Specialty: Eight years. NEPA document preparation, and forest mensuration and modeling of forest-wildlife relationships.

CHARLES L. WILSON, TENNESSEE VALLEY AUTHORITY

NUCLEAR TECHNICAL REVIEW AND PROJECT NUCLEAR COORDINATION

Education: M.S., Nuclear Engineering, University of Michigan
B.S., Electrical Engineering, University of Michigan

Experience/

Technical Specialty: Thirty years. Nuclear safety, operations and maintenance, regulatory compliance, industry experience, and plant events analysis.