

CHAPTER 10
LIST OF PREPARERS

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This *Final Environmental Impact Statement for Decommissioning and/or Long-Term Stewardship at the West Valley Demonstration Project and Western New York Nuclear Service Center* was prepared by the U.S. Department of Energy (DOE). The organizations and individuals listed below contributed to the overall effort in the preparation of this document. The New York State Energy Research and Development Authority (NYSERDA) reviewed and provided input to DOE on environmental impact statement (EIS) chapters, appendices, and support documents; prepared the Quantitative Risk Assessment for the State-Licensed Disposal Area (SDA); and prepared the “NYSERDA View on EIS Analyses and Results.”

CO-LEAD AGENCIES

CATHY BOHAN, U.S. DEPARTMENT OF ENERGY

EIS RESPONSIBILITIES: EIS PROJECT MANAGER

TITLE: NEPA Compliance Officer, EIS Document Manager, and Tribal Point of Contact

PAUL BEMBIA, NEW YORK STATE ENERGY RESEARCH DEVELOPMENT AUTHORITY

EIS RESPONSIBILITIES: SEQR REVIEWER

TITLE: Director, West Valley Site Management Program

PREPARERS

SUZANNE C. CREDE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WEST VALLEY DEMONSTRATION PROJECT DOCUMENT PREPARATION
PROJECT MANAGER

Education: M.A., Guidance and Counseling, West Virginia University
B.S., Chemistry, General Science, and Safety Education, West Virginia University

Experience/Technical Specialty:

Nineteen years. NEPA analysis and compliance and project management.

CHADI D. GROOME, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: FINAL EIS DOCUMENT MANAGER, CHAPTER 1 MANAGER

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

Experience/Technical Specialty:

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

JAMES E. HAMMELMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: DRAFT EIS DOCUMENT MANAGER, PROJECT ENGINEER,
APPENDIX L MANAGER

Education: M.S., Chemical Engineering, University of Washington
B.S., Chemical Engineering, Oregon State University

Experience/Technical Specialty:

Thirty-one years. Nuclear material processing, NEPA analysis and compliance, safety analysis, and program management.

HANA BINDER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL EDITOR

Education: B.A., Journalism, University of Oregon

Experience/Technical Specialty:

Three years. Technical writing and editing.

COURTNEY MILLS BRANDENBURG, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE ASSESSMENT

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

Experience/Technical Specialty:

Three years. Nuclear and hazardous waste environmental technical support, human health impact technical support, groundwater modeling, and quality assurance.

KAREN O. BULL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WATER RESOURCES, FLOODPLAIN AND WETLAND ASSESSMENT,
CHAPTER 6 AND APPENDIX M MANAGER

Education: Professional Designation in Business Management, University of California,
Los Angeles Extension
B.A., Aquatic Biology, University of California, Santa Barbara

Experience/Technical Specialty:

Twenty-four years. NEPA analysis and compliance, water resources, and environmental regulatory compliance.

JOHN A. DIMARZIO, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WASTE MANAGEMENT, CUMULATIVE IMPACTS

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

Experience/Technical Specialty:

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

SANDRA DOTY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: EROSION MODELING, APPENDIX F MANAGER

Education: M.S., Mineral Engineering, University of California, Berkeley
B.S., Geological Engineering, Colorado School of Mines

Experience/Technical Specialty:

Thirty-one years. NEPA compliance, geologic engineering, water resources, and modeling.

DANIEL W. GALLAGHER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: APPENDIX I, HUMAN HEALTH IMPACTS

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

Experience/Technical Specialty:

Twenty-nine years. Nuclear risk analysis.

MILTON E. GORDEN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 2, CHAPTER 3, AND APPENDIX C MANAGER,
TRANSPORTATION ANALYSIS, PROJECT QUALITY MANAGER

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

Experience/Technical Specialty:

Nineteen years. NEPA compliance, waste management, transportation, regulatory reviews, and technology transfer.

MICHAEL W. GRANT, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GROUNDWATER MODELING SUPPORT, APPENDIX E MANAGER

Education: Ph.D., Chemistry, University of Tennessee
M.S., Chemical Engineering, University of Cincinnati
B.S., Chemistry, University of Tennessee

Experience/Technical Specialty:

Twenty-eight years. Environmental statistics, geostatistics, risk assessment, decision analysis, fate and transport modeling, and energy management.

AARON R. GREENE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 5 MANAGER, GIS SUPPORT

Education: M.S., Environmental Science, Indiana University, Bloomington
B.S., Environmental Science, Mansfield University

Experience/Technical Specialty:

Four years. Ecological field assessments, NEPA documentation, and GIS support.

SCOTT D. HEISER, P.E., PMP, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: RESOURCE COMMITMENTS

Education: M.S., Engineering Management, University of Maryland University College
B.S., Mechanical Engineering, Virginia Polytechnic Institute & State University

Experience/Technical Specialty:

Eighteen years. Engineering and environmental project management, environmental compliance, and site remediation.

GEOFFREY KAISER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE ASSESSMENT AND RISK ANALYSIS,
APPENDIX H MANAGER

Education: Ph.D., Theoretical Elementary Particle Physics, Cavendish Laboratory,
Cambridge, United Kingdom
M.A., Natural Sciences, University of Cambridge, United Kingdom
B.A., Natural Sciences, University of Cambridge, United Kingdom

Experience/Technical Specialty:

Thirty-one years. Project management, risk analysis, performance assessments and hazards, and consequence analysis.

ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TRANSPORTATION, RISK ASSESSMENT, APPENDIX J MANAGER

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-nine 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.

STEVEN M. MIRSKY, P.E., SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SHORT-TERM ACCIDENT ANALYSIS LEAD,
APPENDIX I AND APPENDIX N MANAGER

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

Experience/Technical Specialty:

Thirty-three years. Safety analysis, nuclear power plant design and operations, foreign nuclear power plant system analysis, accident analysis, thermal hydraulics, and 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:

Twenty-one years. Technical writing and editing to produce environmental impact statements, public information products, strategic and multi-year program plans, white papers, speeches, and other documents for Government and public use.

SHEA NELSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE ASSESSMENT, QUALITY ASSURANCE REVIEWS

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

Experience/Technical Specialty:

Nine years. Groundwater modeling, human health impacts, and quality assurance.

DOUG OUTLAW, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: HUMAN HEALTH IMPACTS AND RISK ASSESSMENT,
QUALITY ASSURANCE REVIEWS

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

Experience/Technical Specialty:

Thirty-one years. Nuclear physics, safety analysis, and risk assessment.

PATRICIA PAPA, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PUBLIC PARTICIPATION

Education: B.A., Syracuse University Newhouse School of Public Communications

Experience/Technical Specialty:

Twenty-four years. Public outreach and public communication.

SHARON M. PIETZYK, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ADMINISTRATIVE RECORD MANAGER

Education: M.S., Systems Management, University of Southern California
B.S., Biology, James Madison University

Experience/Technical Specialty:

Twenty-two years. NEPA compliance, ecological resources, cultural resources, waste management, comment response document, administrative record, quality assurance.

JOSEPH PRICE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE ASSESSMENT, APPENDIX D AND APPENDIX G
MANAGER

Education: Ph.D., Chemical Engineering, University of Maryland
M.S., Chemical Engineering, University of Maryland
B.Ch.E., Chemical Engineering, University of Dayton

Experience/Technical Specialty:

Twenty-eight years. Performance assessments, safety analyses, human health impacts, and physical process modeling.

LINDA ROBINSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT QUALITY ASSURANCE

Education: M.B.A., Loyola College
B.S., Earth Sciences Education, Texas Christian University

Experience/Technical Specialty:

Twenty-eight years. Nuclear and hazardous waste environmental project management, environmental regulatory compliance, public outreach, quality assurance.

SANDRA E. ROBINSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CULTURAL RESOURCES

Education: A.A., General/Environmental Studies, Frederick Community College

Experience/Technical Specialty:

Twenty-five years. Cultural resources, performance assessments, accident investigations, regulatory compliance, records management, comment response documents, and technical editing.

GARY W. ROLES, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 4 MANAGER, INFRASTRUCTURE

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

Experience/Technical Specialty:

Thirty-one years. Radioactive waste management, regulatory and compliance analysis, and NEPA analysis.

SEAN T. SCHATZEL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SOCIOECONOMICS, ENVIRONMENTAL JUSTICE

Education: B.A., Political Economics/Public Administration, Bloomsburg University

Experience/Technical Specialty:

Three years. Socioeconomics and environmental justice.

JAMES R. SCHINNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ECOLOGICAL RESOURCES, LAND USE AND VISUAL 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-seven years. Ecological field assessments, NEPA documentation, and regulatory reviews.

ROBERT L. SCHLEGEL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 2, CHAPTER 3, APPENDIX C, AND
COMMENT RESPONSE DOCUMENT SUPPORT

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

Experience/Technical Specialty:

Forty-seven years. NEPA document preparation, Safety Analyses Report preparation, and assessment of radiological doses/associated adverse health impacts.

ALISON SMITH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL EDITOR

Education: B.A., English, Language, and Literature, University of Maryland, College Park

Experience/Technical Specialty:

Three years. NEPA document preparation.

ELLEN L. TAYLOR, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: COMMENT RESPONSE DOCUMENT MANAGER

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

Experience/Technical Specialty:

Twenty-six years. Environmental compliance and NEPA assessments.

ROBERT H. WERTH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: NOISE ANALYSIS, AIR QUALITY MODELING AND ANALYSIS,
APPENDIX K MANAGER

Education: B.A., Physics, Gordon College

Experience/Technical Specialty:

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

PATRICIA WHERLEY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL CONSULTANT

Education: B.A., Geography, The George Washington University

Experience/Technical Specialty:

Thirty-six years. NEPA compliance, public participation, and program management.

ZINTARS Z. ZADINS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WEST VALLEY SITE SUPPORT

Education: Ph.D., Geological Sciences, University of Rochester
M.S., Geological Sciences, University of Rochester
B.A., Geology, Washington and Lee University

Experience/Technical Specialty:

Twenty-one years. Geology, Closure Engineering Reports/Technical Reports.

ROBERT STEINER, WASHINGTON SAFETY MANAGEMENT SOLUTIONS

EIS RESPONSIBILITIES: WSMS PROJECT MANAGER

Education: B.S. Geochemistry, State University of New York at Oswego

Experience/Technical Specialty:

Twenty-two years. Hydrogeology, Closure Engineering Reports/Technical Reports.

GREG TUCKER, UNIVERSITY OF COLORADO

EIS RESPONSIBILITIES: EROSION SENIOR TECHNICAL ANALYST

Education: Ph.D., Geosciences, The Pennsylvania State University
B.A., Anthropology, Brown University

Experience/Technical Specialty:

Fourteen years. Geomorphology, landscape evolution, sediment transport, and numerical modeling.

COOPERATING AGENCIES/REVIEWERS

The following agencies have provided guidance during the preparation of the Final EIS and reviewed the document, relative to their areas of expertise or regulatory jurisdiction, in order to determine its adequacy for public review. The State agencies performed a full and detailed review of the Revised Draft EIS during the public comment period and provided any comments that resulted from said review during the public review/comment period.

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EIS RESPONSIBILITIES: NEPA REVIEWER

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EIS RESPONSIBILITIES: NEPA REVIEWER

Title: Deputy Director for Decommissioning and Uranium Recovery Licensing

EDWIN DASSATTI, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

EIS RESPONSIBILITIES: SEQR REVIEWER

Title: Director, Division of Solid and Hazardous Materials

NEW YORK STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQR) INVOLVED AGENCIES

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EIS RESPONSIBILITIES: SEQR REVIEWER

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