

**CHAPTER 10**  
**LIST OF PREPARERS**

---



---

## 10. LIST OF PREPARERS

This *Revised Draft 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:*** EIS 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:***

Eighteen years. NEPA analysis and compliance and project management.

**LASANTHA T. WEDANDE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

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

---

***Education:*** M.S., Environmental Management, University of Maryland  
B.S., Environmental Science, University of the District of Columbia  
A.A.S., Water Quality, University of the District of Columbia

***Experience/Technical Specialty:***

Fourteen years. NEPA analysis and compliance and project management.

**JAMES E. HAMMELMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** EIS DOCUMENT MANAGER

---

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

*Experience/Technical Specialty:*

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

**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:*

Two 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,  
MITIGATION MEASURES, AND COMMENTS RECEIVED ON 1996 DEIS

---

*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-three years. NEPA analysis and compliance, water resources, and environmental regulatory compliance.

**GEORGE E. BUTTERWORTH, III, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** CHAPTER 2 AND APPENDIX C CONSISTENCY REVIEW

---

*Education:* M.S, Nuclear Engineering, Purdue University  
B.S., Mechanical Engineering, West Virginia University

*Experience/Technical Specialty:*

Thirty-two years. Project management for CERCLA compliance at radiologically contaminated sites, environmental regulatory compliance, radioactive and hazardous waste management operations and compliance, safety analysis assessments, and regulatory reviews.

**JOHN A. DiMARZIO, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** WASTE MANAGEMENT AND CUMULATIVE IMPACTS

---

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

*Experience/Technical Specialty:*

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

**SANDRA DOTY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** EROSION MODELING AND APPENDIX F

---

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

*Experience/Technical Specialty:*

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

**DANIEL W. GALLAGHER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** APPENDIX I AND HUMAN HEALTH IMPACTS

---

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

*Experience/Technical Specialty:*

Twenty-eight years. Nuclear risk analysis.

**MILTON E. GORDEN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

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

---

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

*Experience/Technical Specialty:*

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

**MICHAEL W. GRANT, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** GROUNDWATER MODELING SUPPORT AND APPENDIX E

---

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

*Experience/Technical Specialty:*

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

**AARON R. GREENE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** GIS SUPPORT

---

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

*Experience/Technical Specialty:*

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

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

**EIS RESPONSIBILITIES:** RESOURCE COMMITMENTS, COMMENT RESOLUTION, AND QUALITY ASSURANCE

---

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

**Experience/Technical Specialty:**

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

**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, Pennsylvania State University

**Experience/Technical Specialty:**

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

**GEOFFREY KAISER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** LONG-TERM PERFORMANCE ASSESSMENT AND RISK ANALYSIS

---

**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 years. Project management, risk analysis, performance assessments and hazards, and consequence analysis.

**ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** TRANSPORTATION, RISK ASSESSMENT, AND APPENDIX J 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.S., 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.

**CHRISTOPHER MANIKAS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** GEOLOGY AND HYDROGEOLOGY

---

*Education:* M.S., Geology, The George Washington University  
B.S., Geology, Virginia Polytechnic Institute and State University

*Experience/Technical Specialty:*

Twenty-nine years. Geology and hydrogeology.

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

**EIS RESPONSIBILITIES:** SHORT-TERM ACCIDENT ANALYSIS LEAD, ACCIDENT HISTORY,  
EPIDEMIOLOGY, AND APPENDIX N LEAD

---

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

*Experience/Technical Specialty:*

Thirty-two years. 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.

**STEVEN E. MIXON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** TECHNICAL WRITING AND EDITING

---

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

*Experience/Technical Specialty:*

Twenty 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:** QUALITY ASSURANCE

---

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

*Experience/Technical Specialty:*

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

**DOUG OUTLAW, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** 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 years. Nuclear physics, safety analysis, and risk assessment.

**PATRICIA PAPA, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** SUMMARY AND STAKEHOLDER GUIDE LEAD AND PUBLIC PARTICIPATION

---

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

**Experience/Technical Specialty:**

Twenty-three years. Public outreach and public communication.

**SHARON M. PIETZYK, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** ECOLOGICAL RESOURCES, CULTURAL RESOURCES, AND COMMENT  
RESOLUTION

---

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

**Experience/Technical Specialty:**

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

**WILDA E. PORTNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** TECHNICAL EDITING AND APPENDIX A SCOPING

---

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

**Experience/Technical Specialty:**

Seventeen years. Technical editing and public outreach.

**JOSEPH PRICE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** LONG-TERM PERFORMANCE ASSESSMENT LEAD

---

**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-seven years. Performance assessments, safety analyses, human health impacts, and physical process modeling.

**LINDA ROBINSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** PROJECT QUALITY ASSURANCE, EVALUATION OF LAWS, REGULATIONS AND  
OTHER REQUIREMENTS, AND APPENDIX A LEAD

---

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

**Experience/Technical Specialty:**

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

**NESETARI ROBINSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** LONG-TERM PERFORMANCE SUPPORT

---

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

*Experience/Technical Specialty:*

One year. Nuclear and hazardous waste environmental technical support, human health impact technical support, groundwater modeling, and 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-four years. Cultural resources, performance assessments, accidents investigations, regulatory compliance, records management, comment response documents, and technical editing.

**GARY W. ROLES, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** INFRASTRUCTURE

---

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

*Experience/Technical Specialty:*

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

**SEAN T. SCHATZEL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** SOCIOECONOMICS AND ENVIRONMENTAL JUSTICE

---

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

*Experience/Technical Specialty:*

Two years. Socioeconomics and environmental justice.

**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-six years. Ecological field assessments, NEPA documentation, and regulatory reviews.



