

Chapter 10

List of Preparers

10.0 LIST OF PREPARERS

The U.S. Department of Energy prepared this document, *Versatile Test Reactor Environmental Impact Statement*. This chapter identifies the organizations and individuals who contributed to the overall effort of producing it.

JAMES LOVEJOY, U.S. DEPARTMENT OF ENERGY, IDAHO OPERATIONS OFFICE

EIS RESPONSIBILITIES: DOCUMENT MANAGER

GORDON MCCLELLAN, U.S. DEPARTMENT OF ENERGY, IDAHO OPERATIONS OFFICE

EIS RESPONSIBILITIES: TECHNICAL MANAGER

JASON STURM, U.S. DEPARTMENT OF ENERGY, IDAHO OPERATIONS OFFICE

EIS RESPONSIBILITIES: NEPA COMPLIANCE OFFICER

KIRK OWENS, LEIDOS

EIS RESPONSIBILITIES: PROJECT MANAGER

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

Experience/Technical Specialty:

Forty-two years. Radioactive waste management, regulatory analysis, environmental compliance and assessment, and radiological impacts assessment.

DOUGLAS A. OUTLAW, LEIDOS

EIS RESPONSIBILITIES: DEPUTY PROJECT MANAGER; TECHNOLOGY LEAD; HUMAN HEALTH – FACILITY ACCIDENTS LEAD; APPENDIX D MANAGER

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

Experience/Technical Specialty:

Forty-three years. Nuclear physics, safety analysis, and risk assessment.

CHRIS CRABTREE, LEIDOS

EIS RESPONSIBILITIES: AIR QUALITY LEAD; LAWS AND REGULATIONS

Education: B.A., Environmental Studies, University of California Santa Barbara

Experience/Technical Specialty:

Thirty years. Source emission quantifications, dispersion modeling, health risk assessments, greenhouse gas and climate change analyses, mitigation evaluations, determination of project compliance with air pollution standards and regulations, including NEPA, CEQA, General Conformity Regulations, and regional air pollution agencies.

DANIEL DEHN, LEIDOS

EIS RESPONSIBILITIES: LAND USE AND AESTHETICS LEAD; INFRASTRUCTURE LEAD

Education: M.A., English, University of Maine
B.S., Geology, University of New Mexico
B.A., English, Rutgers College

Experience/Technical Specialty:

Ten years. Administrative record management and reference management for multiple NEPA documents, geology and earth resources, soil resources.

JOHN DIMARZIO, LEIDOS

EIS RESPONSIBILITIES: GEOLOGY AND SOILS LEAD; CHAPTER 5 MANAGER; INTRODUCTION; COMMITMENT OF RESOURCES; LAWS AND REGULATIONS; SCOPING COMMENT SUMMARY

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

Experience/Technical Specialty:

Thirty-five years. Project management, NEPA compliance, geology, water resources, waste management, cumulative impacts, and environmental regulations.

PAUL DIPAOLO, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: ENVIRONMENTAL JUSTICE LEAD

Education: M.S., Environmental Planning and Management, Johns Hopkins University
B.S., Environmental Science and Policy, University of Maryland-College Park

Experience/Technical Specialty:

Ten years. Environmental compliance and assessment including NEPA project management and resource analyst for environmental justice, socioeconomics, waste, soils, and water.

KAREN FOSTER, LEIDOS

EIS RESPONSIBILITIES: CULTURAL RESOURCES

Education: Ph.D., Anthropology, University of California Santa Barbara
M.A., Anthropology, University of California, Santa Barbara
B.A., Anthropology, University of California, Irvine

Experience/Technical Specialty:

Thirty years. NEPA compliance, Federal natural and cultural resources regulations, all phases of archaeological fieldwork.

DAN GALLAGHER, LEIDOS

EIS RESPONSIBILITIES: HUMAN HEALTH – NORMAL OPERATIONS LEAD; CHAPTER 2 MANAGER; APPENDIX B MANAGER; APPENDIX C MANAGER

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

Experience/Technical Specialty:
Forty years. Nuclear risk analysis.

SUSAN GOODAN, LEIDOS

EIS RESPONSIBILITIES: LAWS AND REGULATIONS

Education: M.Arch., Architecture, University of New Mexico
B.A., Ethics/Archaeology, University of Cape Town

Experience/Technical Specialty:
Twenty-eight years. Environmental planning, project management, analysis of land use, recreation, visual, and other social resources, as well as project description development for complex investigations under NEPA; Certified Leader in Energy and Environmental Design Accredited Professional with specialty in Building Design and Construction (LEED AP BD+C).

ERNEST HARR, LEIDOS

EIS RESPONSIBILITIES: WASTE MANAGEMENT LEAD; CHAPTER 4 MANAGER; MITIGATION MEASURES

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

Experience/Technical Specialty:
Forty years. NEPA analysis; radiological analyses – normal operation, accidents and intentionally destructive acts; human health and safety – worker and public; radioactive and mixed waste management; transportation – radiological and nonradiological; remediation; decontamination and decommissioning; and regulatory and compliance analyses.

JOSEPH JIMENEZ, LEIDOS

EIS RESPONSIBILITIES: CULTURAL RESOURCES LEAD

Education: M.A., Anthropology, Idaho State University
B.A., Anthropology, Idaho State University
Register of Professional Archaeologists (RPA #15644)

Experience/Technical Specialty:
Thirty-four years. Cultural resource project management, NEPA analysis, *National Register of Historic Places* evaluations, Historic American Building Survey documentation review, Integrated Cultural Resource Management Plans, documentation for compliance with Section 110 of the National Historic Preservation Act; documentation and support for consultation in compliance with Section 106 of the National Historic Preservation Act; and various aspects of field and laboratory archaeology, including performing project management and coordination, data collection, research, reporting, and writing.

GEOFF KAISER, LEIDOS

EIS RESPONSIBILITIES: INTENTIONAL DESTRUCTIVE ACTS

Education: PhD, Physics, Cavendish Laboratory, Cambridge, UK
BA and MA, Natural Sciences, University of Cambridge, UK

Experience/Technical Specialty:

Forty-six years. Risk assessment and risk management; development and use of models for the dispersion and consequences of releases of radioactive materials and toxic and explosive chemicals to the atmosphere.

ROY KARIMI, LEIDOS

EIS RESPONSIBILITIES: HUMAN HEALTH – TRANSPORTATION LEAD; APPENDIX E MANAGER; APPENDIX F 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:

Forty years. Nuclear power plant safety, risk and reliability analysis, design analysis, criticality analysis, accident analysis, consequence analysis, spent fuel dry storage safety analysis, transportation risk analysis, and probabilistic risk assessment.

MARK KIDDER, LEIDOS

EIS RESPONSIBILITIES: CONSTRUCTION DATA DEVELOPMENT

Education: B.S., Civil Engineering, South Dakota State University

Experience/Technical Specialty:

Twenty years. Engineering and Construction Estimating, Civil and Environmental Design, Environmental Restoration, Construction Management.

ERIN KOUVOUSIS, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: WATER RESOURCES LEAD

Education: M.S., Ecology, Kent State University
B.S., Conservation, Kent State University

Experience/Technical Specialty:

Ten years. Environmental compliance and assessment and water resources impacts assessment.

JAMIE MARTIN-NAUGHTON, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: SHAREPOINT SITE AND ADMINISTRATIVE RECORD SUPPORT

Education: B.S., Geology-Biology

Experience/Technical Specialty:

Nine years. Geology and soils, aesthetics, cultural resources, and field research for environmental and NEPA-related projects.

MATTHEW MILLIGAN, LEIDOS

EIS RESPONSIBILITIES: COMMITMENT OF RESOURCES; GIS

Education: B.S., Environmental Science, North Carolina State University
B.S., Meteorology, North Carolina State University

Experience/Technical Specialty:

Fifteen years. GIS analysis, QA/QC, environmental compliance.

SARAH RAUCH, LEIDOS

EIS RESPONSIBILITIES: ECOLOGICAL RESOURCES LEAD

Education: B.S., Plant Biology Environmental Science and Ecology, Arizona State University

Experience/Technical Specialty:

Fourteen years. Environmental permitting, regulatory compliance and assessment, National Environmental Policy Act (NEPA) reviews, natural resources fieldwork, and research.

VICKIE McQUAY REDDICK, LEIDOS

EIS RESPONSIBILITIES: TECHNICAL EDITOR

Education: M.A., English, University of Tennessee
B.A., English, Appalachian State University
Additional Graduate Studies, University College Cork, Ireland

Experience/Technical Specialty:

Thirty-five years. Technical writing and editing; public participation.

CHRIS RUA, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: TRAFFIC LEAD

Education: M.S., Environmental Management, University of Maryland-University College
B.S., Environmental Planning & Design, Rutgers University

Experience/Technical Specialty:

Nineteen years. Soil and groundwater investigations; NEPA analysis; performing regulatory compliance inspections and evaluations.

BECKY OLDHAM, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: TECHNICAL EDITOR/WRITER

Education: B.S., English (Technical Writing), University of Southern Mississippi

Experience/Technical Specialty:

Twenty-eight years. Technical Writing and editing, document management, NEPA project management and analysis.

LINDA ROBINSON, LEIDOS

EIS RESPONSIBILITIES: QA MANAGER

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

Experience/Technical Specialty:

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

GEORGE SANTEE, LEIDOS

EIS RESPONSIBILITIES: FACILITY ACCIDENTS; DATA DEVELOPMENT

Education: M.S., Nuclear Science and Engineering, Idaho State University
B.S., Applied Physics, Idaho State University

Experience/Technical Specialty:

Forty-two years. Safety and risk analysis, radiological and hazardous material consequence analysis, nuclear safety, regulatory compliance, health and safety assessment.

TARA SCHOENWETTER, LEIDOS

EIS RESPONSIBILITIES: ECOLOGICAL RESOURCES

Education: Ph.D., Lincoln University Centre for Research Excellence and Ecology Division,
PhD Program in Ecology
M.S., Frostburg State University Applied Ecology and Conservation Biology
Master's Program
B.S., Biology (Ecology emphasis), University of California Irvine

Experience/Technical Specialty:

Eighteen years. Habitat Conservation Plans, Integrated Natural Resource Management Plans, Environmental Impact Statements and Reviews, Biological and Environmental Assessments, Species and Climatic Modeling as well as many other documents addressing sensitive species protection, mitigation, habitat restoration, monitoring and recovery throughout in the U.S. and internationally. Section 7 documentation and consultation support with particular focus on assessment and management of sensitive environments, streams, wetlands, species and habitat modeling, natural resources permitting and project management for the military, state and private sector.

MELISSA SECOR, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: NOISE LEAD; CHAPTER 3 MANAGER

Education: B.S., Meteorology, Florida State University
B.S., Management, George Mason University

Experience/Technical Specialty:

Thirteen years. NEPA project management and resource analyst for noise, air quality, greenhouse gases, land use, waste, and water.

DEBBIE SHINKLE, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: GIS

Education: B.A., Environmental Studies, University of Pittsburgh

Experience/Technical Specialty:

Sixteen years. NEPA analysis, land use, utilities, Geographic Information Systems (GIS) and mapping, and graphics.

SUSAN SMILLIE, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: SOCIOECONOMICS LEAD

Education: M.En. Environmental Science, Miami University of Ohio
B.S. Biology, Smith College

Experience/Technical Specialty:

Thirty-five years. Environmental compliance and assessment, NEPA guidance and training, public involvement, energy and policy analysis, socioeconomics and environmental justice, land use, aesthetics, transportation/infrastructure, floodplains, wetlands, ecology, and power plant siting and permitting/licensing (nuclear, oil and gas pipelines, hydroelectric).

MICHAEL WEST, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: CHAPTER 3 MANAGER

Education: M.S., Environmental Engineering, Johns Hopkins University
B.S., Environmental Engineering, Syracuse University

Experience/Technical Specialty:

Nineteen years. NEPA analysis, environmental studies, regulatory analysis, and program management.

BRIAN M. WHIPPLE, POTOMAC-HUDSON ENGINEERING, INC.

EIS RESPONSIBILITIES: GROUNDWATER

Education: M.S., Information Science
B.S., Environmental Engineering

Experience/Technical Specialty:

Twenty-seven years. NEPA analysis, environmental remediation, engineering studies, and regulatory compliance.