

## CHAPTER 6

### 6.0 LIST OF PREPARERS

#### 6.1. NEPA Project Management

##### **Chris Byerman**

Position: Environmental Project Manager, ENERCON  
 Education: B.S., Geological Sciences  
 Experience: 19 years environmental consulting including nuclear utility industry, NEPA, regulatory compliance, risk reduction, and hydrology  
 Involvement: Project management, hydrology, senior technical review

##### **Amy B. Henry**

Position: NEPA Specialist  
 Education: M.S., Zoology and Wildlife; B.S., Biology  
 Experience: 12 years in biological surveys, natural resources management planning, and environmental reviews  
 Involvement: NEPA compliance and document preparation

##### **Deborah A. Luchsinger**

Position: Principal Consultant/Manager of Special Projects, ENERCON  
 Education: Ph.D. Climatology/Atmospheric Sciences; M.S., Environmental and Economic Geology; B.S., Geology  
 Experience: 6 years in nuclear environment; 30 years in power generation and energy development  
 Involvement: Project management, NEPA project management, impacts analysis, hydrogeology, and meteorology

##### **Bruce Yeager**

Position: NEPA Program Manager  
 Education: M.S., Zoology (Ecology); B.S., Zoology (Aquatic Ecology)  
 Experience: 33 years in environmental compliance for water, air, and land-use planning; environmental business services  
 Involvement: NEPA strategy

#### 6.2. Other Contributors

##### **Gary M. Adkins, PE, PMP**

Position: Senior Project Manager, Nuclear Generation & Development  
 Education: B.S., Electrical Engineering; Registered Professional  
 Experience: 19 years nuclear engineering experience; 6 years license renewal experience  
 Involvement: License renewal project manager

##### **Joel L. Armstrong**

Position: Radiation Protection Support Superintendent  
 Education: M.S., Health Physics; B.S., Physics

Experience: 30 years in radiation protection  
Involvement: Radiological effects of normal operation

**Nolan D. Baier**

Position: Senior Specialist  
Education: M.B.A.; B.S., Civil Engineering  
Experience: 10 years energy industry analytics  
Involvement: Need for power

**John T. Baxter**

Position: Specialist, Aquatic Endangered Species Act Permitting and Compliance  
Education: M.S. and B.S., Zoology  
Experience: 19 years in protected aquatic species monitoring, habitat assessment, and recovery; 11 years in environmental review  
Involvement: Aquatic ecology/threatened and endangered species

**Francine Beck**

Position: Senior Technical Specialist, ENERCON  
Education: Ph.D. and M.A., Geography; B.S., Land Use  
Experience: 4 years in nuclear environment, including COLA preparation; 9 years project coordination; 7 years technical editing  
Involvement: Technical review and editing, document preparation

**Dave Bean**

Position: Technical Reviewer, ENERCON  
Education: M.S., Zoology; B.A., Biology  
Experience: 33 years in nuclear utility industry  
Involvement: Supervisor, safety analysis

**Mark J. Boggs**

Position: Hydrologist  
Education: M.S., Hydrology; B.S., Geophysics  
Experience: 35 years in hydrologic investigation and analysis for environmental and engineering applications  
Involvement: Groundwater

**Robert D. Bottoms**

Position: Planning Engineer, Specialist  
Education: M.S.E.E., Electrical Engineering  
Experience: 11 years in transmission planning  
Involvement: Transmission grid

**Gary S. Brinkworth, PE**

Position: Senior Manager, New Generation and Portfolio Optimization System Planning (Strategy and Business Planning)  
Education: M.S. and B.S., Electrical Engineering  
Experience: 14 years electric utility experience (system planning, DSM analysis, forecasting, rate analysis)  
Involvement: Need for power, alternative energy sources

**Michael G. Browman**

Position: Environmental Engineer – Specialist  
 Education: Ph.D., M.S., and B.S., Soil Science; M.S., Environmental Engineering  
 Experience: 27 years in environmental control technology development and environmental impact analysis  
 Involvement: Solid waste

**Stacy Burgess**

Position: Environmental Specialist, ENERCON  
 Education: B.S., Geology  
 Experience: 24 years environmental consulting including nuclear utility industry, hydrology, regulatory compliance, and risk reduction  
 Involvement: Hydrology, geology

**Rick Buckley**

Position: Senior Technical Reviewer, Entergy Nuclear  
 Education: B.S., Biology  
 Experience: 24 years in nuclear utility industry  
 Involvement: Environmental protection

**Jennifer M. Call**

Position: Meteorologist  
 Education: M.S. and B.S., Meteorology/Geosciences, Certified Consulting Meteorologist  
 Experience: 7 years in meteorological forecasting, air quality monitoring, data analysis, and air quality research  
 Involvement: Meteorology

**Lorrie A. Carter**

Position: Technical Editor, ENERCON  
 Education: M.A., French Language and Literature; B.A., English  
 Experience: 3 years in nuclear utility industry, 23 years technical editing  
 Involvement: Technical editing; documentation specialist

**Rodney M. Cook**

Position: Manager, Corporate Nuclear Licensing, SQN  
 Education: B.S., Nuclear Engineering  
 Experience: 38 years licensing and engineering  
 Involvement: TVA licensing

**Eric J. Davis, CFA**

Position: Program Manager, Investment Trusts  
 Education: M.B.A., General Management; B.S., Economics and Finance; A.S., Business Administration  
 Experience: 10 years in treasury-finance  
 Involvement: Decommissioning

**James H. Eblen**

Position: Contract Economist  
 Education: Ph.D., Economics; B.S., Business Administration

Experience: 40 years in economic analysis and research  
Involvement: Socioeconomics; environmental justice

**Edwin T. Floyd**

Position: Technical Reviewer, ENERCON  
Education: B.S., Biology  
Experience: 32 years in nuclear utility industry  
Involvement: Health physicist – plant operation and radioactive environmental

**Jerry G. Fouse**

Position: Recreation Manager  
Education: M.B.A. and B.S., Forestry and Wildlife  
Experience: 35 years in natural resources – recreation planning and economic development  
Involvement: Recreation

**Matthew W. Gant**

Position: Planning Engineer  
Education: B.S., Electrical Engineering  
Experience: 8 years in transmission planning  
Involvement: Transmission lines

**David A. Hankins**

Position: Geographic Analyst  
Education: B.S., Fish and Wildlife Management  
Experience: 29 years in geographic information and engineering  
Involvement: GIS

**Melinda Harris**

Position: Technical Specialist, ENERCON  
Education: Ph.D., Zoology; M.S., Environmental Science; B.S., Bioenvironmental Science  
Experience: 11 years in environmental and nuclear utility industry  
Involvement: Ecology

**John M. Higgins, PE**

Position: Water Quality Specialist  
Education: Ph.D., Environmental Engineering; M.S. and B.S., Civil Engineering  
Experience: 36 years in environmental engineering and water resources management  
Involvement: Surface water quality/use; wastewater

**Paul N. Hopping**

Position: Technical Specialist  
Education: Ph.D., Civil and Environmental Engineering; M.S. and B.S., Civil Engineering  
Experience: 26 years in hydrothermal and surface water analysis  
Involvement: Hydrology; hydrothermal effects

**Stephanie A. Howard**

Position: Environmental Manager, Sequoyah and Watts Bar  
 Education: M.S. and B.S. in Nuclear Engineering  
 Experience: 16 years experience Sequoyah environmental compliance  
 Involvement: Sequoyah plant operations, permits, and technology

**Mary E. Jacobs**

Position: Atmospheric Analyst  
 Education: B.S., Mathematics  
 Experience: 19 years in air quality analysis  
 Involvement: Air quality

**W. Kenneth Kimsey**

Position: Supervisor, Sequoyah Chemistry Laboratory  
 Education: B.A., Chemistry  
 Experience: 23 years, Sequoyah chemistry  
 Involvement: Nuclear chemistry

**Sandra S. Koss**

Position: Program Manager (Radwaste and Meteorological), Nuclear Power  
 Education: M.S., Chemical Engineering; B.S., Environmental Engineering  
 Experience: Over 20 years in radwaste and environmental programs and projects  
 Involvement: Transport of radioactive materials, radioactive waste

**Dennis L. Lundy**

Position: Engineering Consultant  
 Education: M.S. and B.S, Civil Engineering; Registered Professional Engineer (Inactive)  
 Experience: 36 years in nuclear and fossil engineering, management, and design  
 Involvement: Facility design and operation support

**Zita I. Martin**

Position: Program Manager, Spent Fuel  
 Education: B.S., Nuclear Engineering  
 Experience: 29 years in nuclear fuel; 16 years in spent fuel storage  
 Involvement: Spent fuel storage

**D. Keith McPeters**

Position: Industrial Hygienist/Safety Specialist  
 Education: M.S., Safety Management; B.S., Sociology  
 Experience: 17 years in occupational/environmental noise assessments;  
 26 years in industrial hygiene and safety  
 Involvement: Noise

**Roger A. Milstead**

Position: Program Manager, Flood Risk  
 Education: B.S., Civil Engineering; Registered Professional Engineer  
 Experience: 32 years in floodplain and environmental evaluations

Involvement: Flood plains; flood risk

**Steve F. Mueller**

Position: Specialist, Atmospheric Science  
Education: M.S., Meteorology; Certified Consulting Meteorologist  
Experience: 32 years in air quality studies, field research, and atmospheric modeling  
Involvement: Climate and climate change

**Jeff W. Munsey**

Position: Civil Engineer  
Education: M.S. and B.S., Geophysics  
Experience: 24 years in geophysical and geological studies and investigations, including applications to environmental assessments  
Involvement: Seismology

**Michael Myers**

Position: Technical Specialist, ENERCON  
Education: Ph.D., Geography  
Experience: 12 years geographic research and teaching (university); 24 years staff, with 10 years principal or co-principal investigator in cultural resource management.  
Involvement: Cultural resources

**Diedre B. Nida**

Position: Senior Environmental Manager, Nuclear Power Group  
Education: B.S., Chemistry, certified hazardous materials manager  
Experience: 29 years in chemistry/environmental for TVA  
Involvement: Sequoyah plant operations, permits, and technology

**Mike Payne**

Position: Fleet Heat Exchanger Specialist, Nuclear Power Group, Equipment Reliability Group  
Education: B.S., Chemistry  
Experience: 6 years, chemistry program manager; 4 years, technical services analyst; 10 years, field technical representative to the chemical, metals, and paper industries  
Involvement: Chemical additives to raw water (corporate)

**W. Chett Peebles**

Position: Specialist, Landscape Architect  
Education: Bachelor of Landscape Architecture; Registered Landscape Architect; RLA; ASLA  
Experience: 20 years in site planning and visual assessment  
Involvement: Visual resources

**Jerry L. Riggs**

Position: GIS Specialist, ENERCON  
 Education: M.A., Geography; B.S., Biochemistry  
 Experience: 5 years nuclear utility industry  
 Involvement: GIS, socioeconomic analysis, and environmental justice

**Helen Robertson**

Position: Technical Specialist, ENERCON  
 Education: Ph.D., Geography  
 Experience: 8 years geographic research and teaching (university); 7 years technical writing, editing, and graphic design  
 Involvement: Cultural resources, technical editing, document design

**Kevin R. Rowe**

Position: Corp. Radiation Protection Manager, TVA  
 Education: Health Physics; registered radiation protection technologist; SRO Certification  
 Experience: 32 years nuclear health physics/radiation protection program management  
 Involvement: Radiological effects of normal operation

**Kim Stapleton**

Position: Technical Specialist, ENERCON  
 Education: M.S. and B.S., Geography  
 Experience: 6 years in GIS and socioeconomics  
 Involvement: Socioeconomic analysis

**James A. Thomas**

Position: Senior Technical Reviewer, ENERCON  
 Education: M.S. Mass Communications; B.S., Environmental Science  
 Experience: 18 years in nuclear utility industry  
 Involvement: Environmental protection

**Rachel E. Turney-Work**

Position: Senior Technical Specialist, ENERCON  
 Education: M.A. and B.A., Geography  
 Experience: 8 years geography, GIS, socioeconomic and land use analysis  
 Involvement: Socioeconomic and land use analysis

**Christopher D. Ungate**

Position: Senior Principal Management Consultant, S&L  
 Education: M.S. and B.S., Civil Engineering; M.B.A.  
 Experience: 35 years engineering, planning, and consulting  
 Involvement: Need for power, energy alternatives

**Michael J. Walker**

Position: Manager, Site Probabilistic Risk Analysis  
Education: B.S., Chemical Engineering; SRO Certification  
Experience: 30 years nuclear plant design, construction, and operation  
Involvement: Probabilistic risk analysis

**Sean Wallace**

Position: Senior Scientist, ENERCON  
Education: B.S., Environmental Studies  
Experience: 17 years in environmental utility industry  
Involvement: Ecology

**Ken G. Wastrack**

Position: Meteorologist  
Education: M.B.A.; B.S., Meteorology  
Experience: 34 years in meteorology  
Involvement: Meteorology

**Louis L. Wheeler**

Position: Licensing Review Specialist, ENERCON  
Education: B.S., Nuclear Engineering  
Experience: 30 plus years in nuclear industry  
Involvement: NRC licensing

**Richard W. Yarnell**

Position: Archaeologist  
Education: B.S., Environmental Health  
Experience: 38 years, cultural resource management  
Involvement: Cultural and historical resources