

## REFERENCES

- ABB Environmental Services. Unpublished Article, "Influence of NH<sub>3</sub> in Fly Ash and Gypsum", September 1999.
- ACGIH. 1997. Threshold Limit Values for Chemical Substances and Physical Agents, American Conference of Governmental Industrial Hygienists.
- CGA. 1989. G-2.1 Safety Requirements for the Storage and Handling of Anhydrous Ammonia, Compressed Gas Association (same as ANSI Standard K 61.1, 1989).
- Copeland, H. C. Personal Communication; E-mail and Conversation, April 2000.
- Dycus, D. L., D. L. Meinert, and T. F. Baker. 1999. Aquatic Ecological Health Determinations for TVA Reservoirs -1998. An Informal Summary of 1998 Vital Signs Monitoring Results and Ecological Health Determination Methods. Tennessee Valley Authority, Water Management, Chattanooga, Tennessee.
- Elder, Susan. 2000. Personal Communication, e-mail. September, 2000.
- Environmental Laboratory. 1987. Corps of Engineers Wetland Delineation Manual, Technical Report Y-87-1. U.S. Army Corps of Engineers Waterways Experiment Station, Vicksburg, Mississippi.
- Environmental Protection Agency. 1998. Code of Federal Regulation, Title 40, Part 68, Chemical Accident Prevention Provisions.
- EPRI. 1999. Investigation of Ammonia Adsorption on Fly Ash and Potential Impacts of Ammoniated Ash. Palo Alto, CA,: TR-113777.
- Geolytics. 1998. Geolytics, Inc. Third World Research Group, Ltd., [www.censuscd.com](http://www.censuscd.com).
- Hickman, Gary D. 1999. Sport Fishing Index (SFI) - A Method to Quantify Sport Fishing Quality. Tennessee Valley Authority, Resource Stewardship. Norris, Tennessee. Unpublished report. 24 pages.
- International Conference of Building Officials (ICBO). 1997. Uniform Building Code. Vol. 1 - 3.
- Julian, H.E., 1999, "Hydrogeology of ash disposal areas 1 and 2A, Bull Run Fossil Plant", TVA Report No. WR28-1-49-115.
- Julian, H.E. and A.J. Danzig, 1996, "Bull Run Fossil Plant groundwater assessment", TVA Report No. WR28-1-49-112.

- Lowery J.F., P.H. Counts, H.L. Edmiston, and F.D. Edwards. 1986. Water Resources Data - Tennessee - Water Year 1986. U.S. Geological Survey. Report TN-86-1, pp 113, 1986.
- Mielnik, Tara Mitchell. 1998 Anderson County. In *The Tennessee Encyclopedia of History and Culture*, edited by Carroll Van West, pp.18-19. Tennessee Historical Society, Rutledge Hill Press, Nashville.
- Millgan, J.D. and C.E. Bohac. 1991. Evaluation of Sampling Techniques for Coal-Ash Leachate and "Red Water" Seeps at TVA's Widows Creek Steam Plant, Tennessee Valley Authority, Chattanooga, Tennessee, TVA/WR/WQ-91/6, 1991.
- NIOSH. 1990. Pocket Guide to Chemical Hazards, National Institute for Occupational Safety and Health.
- Nuclear Regulatory Commission. 1986. Tornado Climatology of the Contiguous United States, NUREG/CR-4461, May 1986.
- OSHA. 1998. Code of Federal Regulation, Title 29, Part 1910.111, Storage and Handling of Anhydrous Ammonia.
- Robinson, Dave, 2000. Personal Communication, September 2000.
- Ross, William H., 2000. Personal Communication, January 2000.
- Ross, William H., 2000. Personal Communication, September 2000.
- Tennessee Department of Transportation, 1998. 1998 Traffic Flow Maps Tennessee Roads and Streets. TDOT Report.
- Tennessee Department of Environment and Conservation. 1998a. "Tennessee Rivers Assessment Project Summary Report - 1998", Tennessee Department and Environment and Conservation website, <http://www.state.tn.us/environment/riv/>. Accessed 06/22/2000.
- Tennessee Department of Environment and Conservation. 1998b. The Status of Water Quality in Tennessee 1996 305(b) Report. Division of Water Pollution Control. Nashville, Tennessee, November 1996.
- Tennessee Department of Environment and Conservation. 1998c. "The 1998 303d List", Tennessee Department of Environment and Conservation website, <http://www.state.tn.us/environment/water.htm>, Accessed 06/22/2000.
- Tennessee Valley Authority. 1970. Drainage Areas for Streams in the Tennessee River Basin. Division of Water Control Planning, Hydraulic Data Branch, Knoxville, Tennessee.

- Tennessee Valley Authority. 1999. Aquatic Ecological Health Determinations for TVA Reservoirs -1998. An Informal Summary of 1998 Vital Signs Monitoring Results and Ecological Health Determination Methods. Primary Authors/Editors Don L. Dycus, Dennis L. Meinert, and Tyler F. Baker. Water Management. Chattanooga, Tennessee.
- Tennessee Wildlife Resources Agency. 1999. Melton Hill Reservoir Annual Report - 1998. Primary authors Douglas C. Peterson and James A. Negus. Fisheries Report 99-12. Tennessee Wildlife Resources Agency, Talbott, Tennessee.
- Thom, H. C. S. 1963. Tornado Probabilities. Monthly Weather Review 91:730-736.
- U.S. EPA. 1999 Update of Ambient Water Quality Criteria for Ammonia. EPA-822-R-99-014, Environmental Protection Agency, Office of Water. December 1999.
- United States Geological Survey (USGS). 1996. National Seismic Hazard Mapping Project. World Wide Web site -- <http://gldage.cr.usgs.gov/eq/>.
- Wastrack, K.W.. Wind Rose Data. Personal Communication; E-mail and Telephone Conversation. TVA, February 2001.
- Young, S.C. and L.M. Beard, 1989, "An assessment of the Phase II fly ash dry stacking at the Bull Run Fossil Plant", TVA Report No. WR28-1-49-104.
- Young, S.C., 1989, "Leachate generation from dry-stacked fly ash at the Bull Run Fossil Plant, Part I: Field Experiments", TVA Report No. WR28-1-49-102.
- Young, S.C., R. Schmidt-Petersen, M. Ankeny, and D.B. Stephens, 1993, "Physical and hydraulic properties of fly ash and other by-products of coal combustion", EPRI Report No. TR-101999.

## LIST OF PREPARERS

Preparer	Contribution
Harley Ferguson	SCR Project Management
Greg Askew (deceased)	Background NOx Reduction Technologies
Judith Bartlow	Natural Areas
Michael Browman	Groundwater - Ammonia Release
Leo Collins	Botany
John Derieux	SCR Project Management
James Eblen	Socio-economics
Nancy Fraley	Botany
Sherman G. Garrett	Transportation
Larry Gautney	Air Quality
Joe Giles	SCR Operational Characteristics
Hill Henry	Terrestrial Animals and Ecology
Eric Howard	Cultural Resources
Evelyn (Cherie) Miller	Solid & Hazardous Waste & Byproducts
Roger Milstead	Floodplains
Jason Mitchell	Terrestrial Ecology
Jennifer Moses	Aquatic Toxicology
Jeffrey Munsey	Seismic Risk Assessment
Tina Newton	Natural Areas
George Peck	Aquatic Ecology
Kim Pilarski	Wetlands
Ralph Porter	Land Use and Visual Aesthetics
Lindy Printz	Water Permitting
Roy Quinn	Wastewater, Surface Water, Groundwater
Barbara Rosensteel	Wetlands
Kenneth Washtrack	Tornado Risk Assessment
Cassandra Wylie	Ammonia Release Risk Assessment
Bruce Yeager	NEPA Coordination

## LIST OF AGENCIES CONSULTED

Tennessee Department of Environment and Conservation  
Tennessee State Historical Commission  
U.S. Fish and Wildlife Service