REFERENCES

V.C. Summer Nuclear Station Units 2 and 3 Transmission Line Siting Study. SCE&G Columbia, South Carolina, Prepared by Facilities Planning & Siting, PLLC, Charlotte, North Carolina, August 2008.

Health Effects from Exposure to Power-Line Frequency Electric and Magnetic Fields. Rep.No. PL 102-486, Section 2118. National Institutes of Health, National Institute of Environmental Health Sciences. 1999. 36.

Avian Power Line Interaction Committee (APLIC). 1996. Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 1996. Edison Electric Institute/Raptor Research Foundation. Washington, D.C.

Linett, M.D., Martha S., Elizabeth E. Hatch, Ph.D., Ruth A. Kleineman, M.P.H., Leslie L. Robison, Ph.D., William T. Kaune, Ph.D., Dana R. Friedman, Ph.D., Richard K. Severson, Ph.D., Carol M. Haines, M.P.H., Charleen T. Hartsock, Shelley Niwa, Shalom Wacholder, Ph.D., and Robert E. Tarone, Ph.D. "Residential Exposure to Magnetic Fields and Acute Lymphoblastic Leukemia in Children." New England Journal of Medicine (3 July 1997).

"NSSH Part 622: Ecological and Interpretive Groups." National Soil Survey Handbook. Dec. 2007 <http://soils.usda.gov/technical/handbook/contents/part622.html>.

"Piedmont Ecoregion Terrestrial Habitats." 2005 Comprehensive Wildlife Conservation Study. South Carolina Department of Natural Resources. 13 Aug. 2008 <http://dnr.sc.gov/cwcs/pdf/habitat/piedmonthabitat.pdf>.

Possible Health Effects of Exposure to Residential Electric and Magnetic Fields. Committee on the Possible Effects of Electromagnetic Fields on Biologic Systems, Board on Radiation Effects Research, Commission on Life Sciences, and National Research Council. Washington, DC: National Academy Press, 1997. 1-2.

Research on Power-Frequency Fields. Board on Radiation Effects Research, Commission on Life Sciences and National Research Council, Committee on the Possible Effects of Electromagnetic Fields on Biologic Systems. Washington, DC: National Academy Press, 1999. 8.

SC-GAP Project, South Carolina 27-Class Land Cover. South Carolina Cooperative Fish and Wildlife Research Unit, USGS Biological Resources Division, South Carolina Department of Natural Resources. 2001.

South Carolina Department of Natural Resources - Wildlife Information - Rare, Threatened & Endangered Species Inventory." *South Carolina Department of Natural Resources.* Web. 12 July 2011. <http://www.dnr.sc.gov/species/index.html>.

Stallings, F. Patricia. "Cultural Resources Background Research and Windshield Reconnaissance for the VCS2-St. George 230kV Line #1 and the VCS2-Lake Murray 230kV Line #2." Letter Report. 12 July 2011.

Understanding EMF. South Carolina Electric & Gas. 2008 <http://www.sceg.com/NR/rdonlyres/1F1F3BCC6-57E3-401A-BE52-7D5A439CD726/0/understandingEFF_jan08_FINAL.pdf

USDA Natural Resources Conservation Service. *NRCS Soil Data Mart / Prime and Other Important Farmlands - Fairfield County, SC.* Rep. USDA Natural Resources Conservation Service, 08 Jan. 2009. Web. 08 Aug. 2010

USDA Natural Resources Conservation Service. *NRCS Soil Data Mart / Prime and Other Important Farmlands - Lexington County, SC.* Rep. USDA Natural Resources Conservation Service, 08 Jan. 2009. Web. 08 Aug. 2010

USDA Natural Resources Conservation Service. *NRCS Soil Data Mart / Prime and Other Important Farmlands - Newberry County, SC.* Rep. USDA Natural Resources Conservation Service, 08 Jan. 2009. Web. 08 Aug. 2010

USDA Natural Resources Conservation Service. *NRCS Soil Data Mart / Prime and Other Important Farmlands - Richland County, SC.* Rep. USDA Natural Resources Conservation Service, 09 Feb. 2010. Web. 28 July. 2010.

United States. United States Fish & Wildlife Service. Charleston, SC. *South Carolina List of Endangered, Threatened and Candidate Species.* United States Fish & Wildlife Service, Mar. 2010. Web. Aug. 2010.

United States. United States Fish & Wildlife Service. Species By County Report. Endangered Species Program." *U.S. Fish and Wildlife Service Home.* Web. 12 July 2011. <http://www.fws.gov/endangered>

DATA SOURCES

1:100K Pipeline DLG [USGS Project Digital Line Graphs]. Digital image. GIS Data Server and Clearinghouse. University of South Carolina. 15 Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

"ACE Basin Focus Area Map." Map. Lowcountry Open Land Trust. 2006. 12 May 2008 <http://www.lolt.org/landprotection/ace-basin>.

"Airport Facilities." SCEMD Data Download. *Hazards and Vulnerability Research Institute.* Federal Aviation Administration and the Research and Innovative Technology Administration's Bureau of Transportation Statistics (RITA/BTS) National Transportation Atlas Databases (NTAD),, 16 Feb. 2006. Web. 05 Oct. 2010. <http://webra.cas.sc.edu/hvri/quicklinks/scemddatadown.aspx>.

Census 2000 TIGER Data. U.S. Bureau of the Census. ESRI GIS and Mapping Software. <http://www.esri.com/data/download/census2000_tigerline/index.html>.

"Churches in South Carolina." South Carolina Department of Commerce Digital image. GIS Data Server and Clearinghouse. 1 May 2000. University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

Cultural Resources GIS Data. Brockington and Associates, Inc. Patricia Stallings (678.638.4126). 13 July 2011.

Electric & Magnetic Fields. Duke Energy. 2008 <http://www.duke-energy.com/about-energy/electric_magnetic-fields.asp

Electric Transmission Data. Duke Energy. Electric Transmission Atlas GIS Database. Lowell T. Boyd (704.382.6417).

Electric Transmission Data. South Carolina Public Service Authority (Santee Cooper). Electric Transmission GIS Database. Eddie Taylor (843.761.8000 x-5360). 13 Nov. 2007

Electric and Gas Transmission Data. South Carolina Electric & Gas. Gas and Electric Transmission GIS Database. Kelly Weeks (803.217.2012). 20 Nov. 2008

Flood Insurance Rate Maps (Multiple). Map Service Center. Federal Emergency Management System. Dec. 2007 <msc.fema.gov>.

Gas Transmission GIS Data. Carolina Gas Transmission Corporation. Digital Data. Paul "Mac" Semple, Jr. (803.217.2142). 04 Sep. 2007

USA/South Carolina. U.S. Geological Survey/South Carolina Department of Natural Resources. *Pipe/Transmission Lines DLGs (Various Quads).* U.S. Geological Survey/South Carolina Department of Natural Resources, 1983. Web. 2007. <https://www.dnr.sc.gov/pls/gisdata>.

Geographic Database of Rare and Endangered Species (South Carolina). Digital data received from South Carolina Department of Natural Resources. 18 May. 2009.

"Geology – Statewide." ESRI Shapefiles. South Carolina Department of Natural Resources. Jan. 2008 <http://www.dnr.sc.gov/GIS/gisdnrdata.html>.

"Healthcare Facilities in South Carolina." South Carolina Department of Commerce Digital image. GIS Data Server and Clearinghouse. 1 May 2000. University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

Land Cover Data for South Carolina, South Carolina GAP Analysis Project. South Carolina Department of Natural Resources. 2001. November 2006. <http://www.dnr.sc.gov/GIS/gap/download.html>.

Land Use/Land Cover Data for 7.5' Quadrangles (Multiple). U.S. Fish & Wildlife Service National Wetlands Inventory Project. South Carolina Department of Natural Resources. Dec. 2007 <http://www.dnr.sc.gov>.

Land Use/Land Cover Data for 7.5' Quadrangles (Multiple). Draft Copies. Charlie Storrs, Regional Wetlands Coordinator (404.679.7129). U.S. Fish & Wildlife Service.

Other Gas Transmission Line Locations. Digitized from USGS 7.5' Quadrangle Mapping.

"Private Schools in South Carolina." South Carolina Department of Commerce Digital image. GIS Data Server and Clearinghouse. 1 May 2000. University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

"Public Schools in South Carolina." South Carolina Department of Commerce Digital image. GIS Data Server and Clearinghouse. 1 May 2000. University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

"Service Area." Map. SCE&G. 2007. South Carolina Electric and Gas. 2008 <http://www.sceg.com/en/residential-services/service-area-map/>.

South Carolina State Highways Transportation Data Files. GIS Data Server and Clearinghouse. University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

South Carolina U.S. Highways." Transportation Data Files. GIS Data Server and Clearinghouse. 21 May 1997. University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

South Carolina Interstate Highways. Transportation Data Files. GIS Data Server and Clearinghouse at the University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

South Carolina Railroads. Transportation Data Files. GIS Data Server and Clearinghouse. University of South Carolina. Oct. 2007 <http://www.cas.sc.edu/gis/dataindex.html>.

Tax Mapping GIS Data and Parcel Ownership. Fairfield County Tax Assessor. Digital Data. Jeff Bruorton (803.712.5420). May 2011.

Tax Mapping GIS Data and Parcel Ownership. Lexington County Tax Assessor's Office. Valerie Gray (803.785.8121). May 2010.

Tax Mapping GIS Data and Parcel Ownership. Newberry County Tax Assessor's Office. Mary Arrowood (803.321.2125). May 2010.

Tax Mapping GIS Data. Richland County Geographic Information Systems, IT Department. Adrienne Jorgensen (803.576.2017). May 2010 <http://www.richlandmaps.com>.

Tax Parcel Ownership. Richland County Tax Assessor's Office. Digital Data. Elizabeth Neal (803.576-2640) May 2010 <http://www.richlandmaps.com>.

U.S. Department of Agriculture, Natural Resources. "Soil Survey Geographic (SSURGO) Database for Fairfield County, SC." ESRI Shapefile. *NRCS Soil Data Mart.* U.S. Department of Agriculture, Natural Resources, 08 Jan. 2009. Web. 25 Feb. 2010. <URL:http://SoilDataMart.nrcs.usda.gov/>.

U.S. Department of Agriculture, Natural Resources. "Soil Survey Geographic (SSURGO) Database for Fairfield County, SC." ESRI Shapefile. *NRCS Soil Data Mart.* U.S. Department of Agriculture, Natural Resources, 09 Feb. 2010. Web. 28 July 2010. <URL:http://SoilDataMart.nrcs.usda.gov/>.

U.S. Department of Agriculture, Natural Resources. "Soil Survey Geographic (SSURGO) Database for Lexington County, SC." ESRI Shapefile. *NRCS Soil Data Mart.* U.S. Department of Agriculture, Natural Resources, 09 Feb. 2010. Web. 25 Feb. 2010. <URL:http://SoilDataMart.nrcs.usda.gov/>.

U.S. Department of Agriculture, Natural Resources. "Soil Survey Geographic (SSURGO) Database for Newberry County, SC." ESRI Shapefile. *NRCS Soil Data Mart.* U.S. Department of Agriculture, Natural Resources, 09 Feb. 2010. Web. 28 July 2010. <URL:http://SoilDataMart.nrcs.usda.gov/>.

U.S. Department of Agriculture, Natural Resources. "Soil Survey Geographic (SSURGO) Database for Richland County, SC." ESRI Shapefile. *NRCS Soil Data Mart.* U.S. Department of Agriculture, Natural Resources, 09 Feb. 2010. Web. 25 Feb. 2010. <URL:http://SoilDataMart.nrcs.usda.gov/>.

USGS 7.5' Series Hydrological Digital Line Graphs. GIS Data Clearinghouse, South Carolina Department of Natural Resources GIS Data Clearinghouse. 10 Jan. 2002. Dec. 2007 <https://www.dnr.sc.gov/pls/gisdata/quad.qselect>.

USGS 7.5' Quadrangles. South Carolina Department of Natural Resources GIS Data Clearinghouse. October 2007. <https://www.dnr.sc.gov/pls/gisdata/download_data>.

USGS 7.5' Quadrangles. United States Department of Agriculture, *NRCS* Geospatial Data Gateway. (Fairfield, Lexington, Newberry, and Richland Counties, South Carolina). February – March 2010. <http://datagateway.nrcs.usda.gov>.

USA. U.S. Fish and Wildlife Service. Charleston, SC. *Geographic Database of Threatened and Endangered Species (Seven Counties in Study Area).* U.S. Fish and Wildlife Service. Web. 01 Sept. 2010. <email, Mark Caldwell (843.727.4707>.

USA. U.S. Fish and Wildlife Service. *Classification of Wetlands and Deepwater Habitats of the United States. U.S. Department of the Interior, Fish and Wildlife Service, Washington, DC. FWS/OBS-79/31.* U.S. Fish and Wildlife Service, Division of Habitat and Resource Conservation, 22 Jan. 2010. Web. 23 Aug. 2010. <http://www.fws.gov/wetlands/>.

USA. U.S. Fish and Wildlife Service. "Download Seamless Wetlands Data." *U.S. Fish and Wildlife Service Home*. Marc Boussard (Marc.boussard@syntegra.fr). Web. 02 July 2009. <http://www.fws.gov/wetlands/Data/DataDownload.html#State>.

USA. U.S. Geological Survey. *USGS Stream Data/National Water Information System Mapper*. USGS. Web. 07 July 2009. <http://wdr.water.usgs.gov/nwisgmap/>.

USA/South Carolina. U.S. Geological Survey/South Carolina Department of Natural Resources. *Pipe/Transmission Lines DLGs (Various Quads in Study Area)*. U.S. Geological Survey/South Carolina Department of Natural Resources, 1983. Web. 2007. <https://www.dnr.sc.gov/pls/gisdata>.

USA. U.S. Geological Survey/South Carolina Department of Natural Resources. *Hypsography Data for 7.5 Minute Quadrangles in the Study Area*. USGS. Web. 23 Aug. 2010. <https://www.dnr.sc.gov/pls/gisdata>.

Zoning and Land Use Information. Fairfield County, South Carolina. Planning, Building, and Zoning Department. *Fairfield County Official Zoning Maps and 1997 Comprehensive Land Use Plan*. Ronald D. Stowers, P.E. (803.712.6596). May 2009.

Zoning and Land Use Information. Lexington County, South Carolina. Community Development Zoning Office. *Lexington County Zoning Ordinance*. Web. Mar. 2011. <http://www.lex-co.com/departments/communitydevelopment/Zoning.html>.

Zoning and Land Use Information. Newberry County, South Carolina. Planning and Zoning Department. Bridgett Fain (803.321.2166). *Newberry County Zoning Ordinance*. By Planning and Zoning Department. 4 June 2008. Web. Mar. 2011.

Zoning and Land Use Information. Richland County, South Carolina. Department of Planning and Development Services, Brenda Carter (803.576.2170). *2009 Richland County Comprehensive Plan*. Web. March 2011. <http://www.richlandonline.com/departments/Planning/index.asp>.

Zoning Information. Town of Chapin Planning Commission, South Carolina. *Town of Chapin Zoning Ordinance*. Dec. 2005. Web. Mar. 2011. <http://www.chapinsc.com/vertical/Sites/{8FEAED54-96FB-4254-9DCA-7C4B81C7680B}/uploads/{F587D7F0-CC13-4EA3-BBE3-453644AA6B17}.PDF>.

Zoning Information. Town of Irmo, South Carolina. Town Administrator, Bob Brown (rbrown@townofirmosc.com). *Irmo, South Carolina - Code of Ordinances*. 16 Nov. 2010. Web. Mar. 2011. <http://library.municode.com/index.aspx?clientID=13388&stateID=40&statename=South%20Carolina>.

2006 Digital Orthophoto Quadrangles." South Carolina Department of Natural Resources GIS Data Clearinghouse. 2006. Oct. 2007 <https://www.dnr.sc.gov/pls/gisdata/quad.qselect>.

2009 Digital Orthophotos." U.S. Department of Agriculture, *NRCS* Geospatial Data Gateway. (Fairfield, Lexington, Newberry and Richland Counties, South Carolina). March 2010. <http://datagateway.nrcs.usda.gov/ >.

2006 Satellite Image. Geo-Eye, Inc. October 2007.