SECTION 19.7

REFERENCES

Table of Contents

<u>Section</u>	<u>Title</u>	<u>Page</u>
19.7	REFERENCES	19.7-1
19.7.1	INTRODUCTION OF THE ENVIRONMENTAL REVIEW	19.7-1
19.7.2	PROPOSED ACTION	19.7-2
19.7.3	DESCRIPTION OF THE AFFECTED ENVIRONMENT	19.7-2
19.7.4	IMPACTS OF PROPOSED CONSTRUCTION, OPERATIONS, AND DECOMMISSIONING	19.7-19
19.7.5	ALTERNATIVES	19.7-23
19.7.6	CONCLUSIONS	19.7-28

List of Tables

<u>Number</u> <u>Title</u>

None

List of Figures

<u>Number</u> <u>Title</u>

None

CHAPTER 19

19.7 REFERENCES

19.7.1 INTRODUCTION OF THE ENVIRONMENTAL REVIEW

Bonet, 2005. Bonet, Henri, David Bernard, and Ponsard, Bernard, Production of Mo⁹⁹ in Europe: Status and Perspectives, April 2005.

City of Janesville, 2012. Correspondence from Gale Price, Community Development Department, to Timothy Krause, Sargent & Lundy, January 13, 2012.

COE, 2010. Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, U.S. Army Corps of Engineers Wetlands Regulatory Assistance Program, March 1, 2010.

Fissile Material, 2010. HFR Reactor at Petten Resumed Operations, Fissile Material, September 9, 2010, Website: http://www.fissilematerials.org/blog/2010/09/ http://www.fissilematerials.org/blog/2011/09/ <a href="http://www.fiss

MSNBC, 2010. Isotope Shortage Makes Vital Medical Scans Costlier, Riskier, MSNBC, Website: http://www.msnbc.msn.com/id/38882222/ns/technology_and_science-science/t/isotope-shortage-makes-vital-medical-scans-costlier-riskier, Date accessed: November, 22, 2011.

NM, 2012. News Medical, website: http://www.news-medical.net/health/lodine-131-Medical-use.aspx, Date accessed: August 9, 2012.

NRCL, 2009. Medical Isotope Production Highly Enriched Uranium, National Academies Press, 2009.

OECD, **2010**. The Supply of Medical Radioisotopes: Interim Report of the OECD/NEA High-level Group on Security of Supply of Medical Isotopes, Nuclear Energy Agency, Organization for Economic Co-operation and Development, 2010.

RxList, 2012. RxList, The Internet Drug Index

State of Wisconsin, 2012. License, Permit and Registration Services, Website: http://ww2.wisconsin.gov/state/license/ http://ww2.wisconsin.gov/state/license/ http://ww2.wisconsin.gov/state/license/ http://www.wisconsin.gov/state/license/ app?COMMAND=gov.wi.state.cpp.license.command.LoadLicenseHome, Date accessed: February 1, 2012.

U.S. Government, 1992. Energy Policy Act of 1992, 1992.

Wisconsin Department of Natural Resources, 2012. Small Business Assistance – Permit Primer, Website: http://dnr.wi.gov/permitprimer/, Date accessed: February 3, 2012.

WNN, 2009. Restart for Isotope Reactor, World Nuclear News, February 13, 2009, Website: http://www.world-nuclear-news.org/newsarticle.aspx?id=24658, Date accessed: November 22, 2011.

19.7.2 PROPOSED ACTION

N/A

19.7.3 DESCRIPTION OF THE AFFECTED ENVIRONMENT

AASHTO, **2012**. Census Transportation Planning Products (CTPP) 3-year Data Based on 2006 - 2008 American Community Survey (ACS), American Association of State Highway and Transportation Officials, Website: http://ctpp.transportation.org/Pages/3yrdas.aspx, Date accessed: May 16, 2012.

AFCCC, 1999. Engineering Weather Data, 2000 Interactive Edition, Air Force Combat Climatology Center, National Climatic Data Center, Asheville, North Carolina, 1999.

American Society of Mammologists, 2012. Mammals of Wisconsin, American Society of Mammologists, Website: http://www.mammalogy.org/mammals-wisconsin, Date accessed: July 11, 2012.

ASCE, 2006. Minimum Design Loads for Buildings and Other Structures, ASCE Standard ASCE/SEI 7-05 Including Supplement No. 1, American Society of Civil Engineers, Reston, Virginia, 2006.

ASHRAE, **2009**. 2009 ASHRAE Handbook – Fundamentals, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., IP edition. Chapter 14.6, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., Atlanta, Georgia, 2009.

Bean, T., 2008. Noise on the Farm Can Cause Hearing Loss, University of Ohio, Agricultural Extension Fact Sheet AEX-590-08, Website: http://ohioline.osu.edu/aex-fact/pdf/ AEX 590 08.pdf, Date accessed: August 13, 2012.

Bird Nature, 2012. Migration Flyways: Mississippi Flyway, Bird Nature, Website: http://www.birdnature.com/mississippi.html, Date accessed: August 13, 2012.

Bing Maps, 2012. Bing Maps Aerial, Microsoft Corporation and its Data Supplies, Website: http://www.esri.com/software/arcgis/arcgisonline/bing-maps.html, Date accessed: August 15, 2012.

BLS, 2009. May 2009 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates, Bureau of Labor Statistics, Website: http://www.bls.gov/oes/2009/may/oes/27500.html, Date accessed: July 19, 2012.

BLS, 2011. May 2009 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates, Bureau of Labor Statistics, Website: http://stat.bls.gov/oes/current/oes_27500.html, Date accessed: June 10, 2012.

BLS, 2012a. Local Area Unemployment Statistics, Bureau of Labor Statistics, Website: http://www.bls.gov/data/#unemployment, Date accessed: June 8, 2012.

BLS, 2012b. Consumer Price Index (CPI) Inflation Calculator, Bureau of Labor Statistics, Website: http://www.bls.gov/data/inflation_calculator.htm, Date accessed: June 14, 2012.

BLS, 2012c. Injuries, Illnesses, and Fatalities, Bureau of Labor Statistics, OSHA Recordable Case Rates – Latest Incidence Rates, by Industry, for Nonfatal Work-Related Injuries and Illnesses, Website: http://www.bls.gov/iif/oshwc/osh/os/ostb3191.pdf, Date accessed: February 14, 2013.

BLS, 2012d. Census of Fatal Occupational Injuries (CFOI) – Current and Revised Data, Bureau of Labor Statistics, Hours-Based Fatal Injury Rates by Industry, Occupation, and Selected Demographic Characteristics, 2011, Website: http://www.bls.gov/iif/oshwc/cfoi/cfoi_rates_2011hb.pdf, Date accessed: February 14, 2013.

Buchwald, Cheryl A., 2011. Water Use in Wisconsin, 2005, U.S. Geological Survey Open-File Report 2009-1076, Version 1.1, USGS, Wisconsin Water Science Center, November 2011.

The CADMUS Group, Inc., 2011. Total Maximum Daily Loads for Total Phosphorus and Total Suspended Solids in the Rock River Basin. Columbia, Dane, Dodge, Fond du Lac, Green, Green Lake, Jefferson, Rock, Walworth, Washington, and Waukesha Counties, Wisconsin, Prepared for U.S. Environmental Protection Agency and Wisconsin Department of Natural Resources, Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/topic/TMDLs/RockRiver/Final Rock River TMDL Report with Tables.pdf, Date accessed: June 11, 2012.

California Department of Transportation, 1998. Technical Noise Supplement. http://i80.dot.ca.gov/hq/env/noise/pub/Technical%20Noise%20Supplement.pdf, Date accessed: August 3, 2012.

CERI, 2012. Seismic Information. Center for Earthquake Research and Information, Website: http://folkworm.ceri.memphis.edu/recenteqs/Quakes/quakes0.html), Date accessed: July 25, 2012.

Chagnon et al., 2004. Changnon, S. A., J. R. Angel, K. E. Kunkel, C. M. B. Lehmann, Climate Atlas of Illinois, Illinois State Water Survey, Champaign Illinois, March, 2004.

City of Janesville, 2010. Water Utility, Water Conservation Plan, Website: http://www.ci.janesville.wi.us/modules/showdocument.aspx?documentid=573, Date accessed: October 5, 2012.

City of Janesville, 2011a. City Ordinance Book. http://www.ci.janesville.wi.us/ http://www.ci.janesville.wi.us/ https://www.ci.janesville.wi.us/ https://www.ci.janesville.wi.us/

City of Janesville, 2011b. Janesville Wisconsin's Park Place, Development Guide, City of Janesville, Wisconsin, Community Development, Draft April 6, 2011.

City of Janesville, 2012a. Water Utility, Summary of Services, Website: http://www.ci.janesville.wi.us/index.aspx?page=115, Date accessed: December 21, 2012.

City of Janesville, 2012b. Bus Transit, Website, http://www.ci.janesville.wi.us/ index.aspx?page=124, Date accessed: June 29, 2012.

City of Janesville, 2012c. Janesville Transit System Map and Route Guide, http://www.ci.janesville.wi.us/modules/showdocument.aspx?documentid=854, Date accessed: July 26, 2012.

City of Janesville, 2012d. Economic Development, Business Climate, Taxes, Website: http://www.ci.janesville.wi.us/index.aspx?page=334, Date accessed: June 29, 2012.

City of Janesville, 2012e. Water Utility, Summary of Services, Website: http://www.ci.janesville.wi.us/index.aspx?page=115, Date accessed: August 1, 2012.

City of Janesville, 2012f. Park Locations and Amenities, Website: http://www.ci.janesville.wi.us/index.aspx?page=218, Date accessed: May 22, 2012.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe, 1979. Classification of Wetlands and Deepwater Habitats of the United States, U.S. Department of the Interior, Fish and Wildlife Service, FWS/OBS-79/31, December 1979.

Del Greco, 2006. S. A. Del Greco and collaborators, Surface Data Integration at NOAA's National Climatic Data Center: Data Format, Processing, QC and Product Generation, 86th AMS Annual Meeting, 29 January - 2 February 2006, Atlanta, Georgia.

Design Perspectives Inc, 2009. Rock County, WI 2009-2014 Parks, Outdoor Recreation & Open Space Plan, Website: http://www.co.rock.wi.us/images/web_documents/departments/parks/poros-rock-county-2009-final.pdf.

DOR, 2011. The WI Corporate Income and Franchise Taxes, Wisconsin Department of Revenue, Division of Research and Policy, November 16, 2011, Website: http://www.revenue.wi.gov/ra/CorplncFranchTax.pdf, Date accessed: June 12, 2012.

DOR, 2012. Tax Rates, Wisconsin Department of Revenue, Website: http://www.dor.state.wi.us/faqs/pcs/taxrates.html, Date accessed: July 7, 2012.

DPI, 2012. 2011-2012 Public Enrollment by County by District by School by Gender, Wisconsin Department of Public Instruction, Website: http://www.dpi.state.wi.us/lbstat/pubdata2.html, Date accessed: June 4, 2012.

DWD, 2012. Local Area Unemployment Statistics and Current Employment Statistics programs, Wisconsin Department of Workforce Development, Website: <a href="http://dwd.Wl.gov/oea/employment_by_industry/#employment_by_indus

EDS, 1968. Climatic Atlas of the United States, Environmental Data Service, U. S. Superintendent of Documents, U. S. Government Printing Office, Washington D. C., 1968.

Ellefson, B.R., G.D. Mueller, and C.A. Buchwald, 2002. Water Use in Wisconsin in 2000. U.S. Geological Survey Open-File Report 02-356, prepared by the USGS in Cooperation with the Wisconsin Department of Natural Resources.

Exelon, 2012. Byron Generating Station, Exelon Corporation, Website: http://www.exeloncorp.com/powerplants/byron/Pages/profile.aspx, Date accessed: April 4, 2012.

FAA, 1992. Non-Federal Navigational Aids and Air Traffic Control Facilities, Federal Aviation Administration Order 6700.20A, December 11, 1992.

FAA, 2011. Automated Weather Observing Systems (AWOS) for Non-Federal Applications, Federal Aviation Administration Advisory Circular AC 150/5220-16D. April 28, 2011.

FEMA, 2008. Flood Insurance Rate Map, Rock County, Wisconsin and Incorporated Areas, Map Number 55105C0316D, Federal Emergency Management Agency, August 19, 2008.

Fenneman, Nevin Melancthon, 1946. Physical Divisions of the United States. Department of the Interior, Geological Survey.

Find the Data, 2012. Unbiased, data-driven comparisons, Website: http://active-mines.findthedata.org/compare/2770-2771-2772-6438-6439-6440/Little-Limestone-Inc-vs-Custom-Ditching-Inc-vs-Frank-Bros-Inc-vs-Janesville-Sand-And-Gravel-Co-vs-Frank-Bros-Inc-vs-Paririe-Ave-Concrete-Inc, Date accessed: January 27, 2012.

Flynn, Kathleen M., William H. Kirby, and Paul R. Hummel, 2006. User's Manual for Program PeakFQ, Annual Flood-Frequency Analysis Using Bulletin 17B Guidelines, Techniques and Methods 4-B4, U.S. Department of the Interior, U.S. Geological Survey, Chapter 4 of Book 4, Section B, Techniques and Methods 4-B4.

Fry, J., Xian, G., Jin, S., Dewitz, J., Homer, C., Yang, L., Barnes, C., Herold, N., and Wickham, J., 2011. Completion of the 2006 National Land Cover Database for the Conterminous United States, *PE&RS*, Vol. 77(9):858-864.

Google, 2012. Google Maps, Google, http://maps.google.com/, Date accessed: April 4, 2012.

Higgins, J.J; G.E. Larson; and K.F. Higgins, 2001. Floristic Comparisons of Tallgrass Prairie Remnants Managed by Different Land Stewardships in Eastern South Dakota, Proceedings of the 17th North American Prairie Conference: 21-31, 2001, Proceedings of the 17th North American Prairie Conference Website: http://images.library.wisc.edu/EcoNatRes/EFacs/NAPC/NAPC17/reference/econatres.napc17.ihiggins.pdf, Date accessed: August 15, 2012.

Holzworth, G.C., 1972. "Mixing Heights, Wind Speeds, and Potential for Urban Air Pollution throughout the Contiguous United States", U.S. Environmental Protection Agency Office of Air Programs, Research Triangle Park, North Carolina, January 1972.

Hormel, 2013. Hormel Foods Corporation, Locations, Website: http://www.hormelfoods.com/About/DivisionsLocations/Locations.aspx, Date accessed: February 14, 2013.

Huff, Floyd A. and James R. Angel, 1992. Rainfall Frequency Atlas of the Midwest, Midwestern Climate Analysis Center, National Weather Service, National Oceanic and Atmospheric Administration and Illinois State Water Survey, A Division of the Illinois Department of Energy and Natural Resources, Bulletin 71, MCC Research Report 92-03, Midwestern Climate Center and Illinois State Water Survey, Champaign, Illinois.

Hughes, Denis A., Pauline Hannart and Deidre Watkins, 2003. Continuous Baseflow Separation from Time Series of Daily and Monthly Streamflow Data, Institute for Water Research, Rhodes University, Water SA Vol. 29 No. 1, January 30, 2003.

IAEA, 1987. Siting of Research Reactors, International Atomic Energy Agency (IAEA), Report IAEA-TECDOC-403, Vienna, Austria. 1987.

IHPA, 2013. Historic Architectural Resource Geographic Information System, Illinois Historic Preservation Agency, Website: http://gis.hpa.state.il.us/hargis/, Date accessed: February 14, 2013.

Janesville School District, 2012. Welcome to the School District of Janesville, Contact Us, School/Principal Contacts, Website, http://www.janesville.k12.wi.us/default.aspx, Date accessed: July 26, 2012.

Knopf, Chad and Kari Krause, 2012. A Phase I Archaeological Survey of the Proposed SHINE Medical Isotope Production Facility Near Janesville, Rock County, Wisconsin. AMEC, Louisville, Kentucky.

Korshover, J., 1967. "Climatology of Stagnating Anticyclones East of the Rocky Mountains 1936-1965", U.S. Department of Health Education and Welfare Public Health Service (PHS), PHS Publication No. 999-AP-34, National Center for Air Pollution Control, Cincinnati, Ohio, 1967.

LeRoux E.F., 1963. Geology and Ground-Water Resources of Rock County, Wisconsin, Geological Survey, Water-Supply Paper 1619-X, Prepared in cooperation with the Wisconsin Geological and Natural History Survey.

MacFarlane Pheasants, Inc., 2012. MacFarlane Pheasants, Inc., Website: http://www.pheasant.com/Home/tabid/38/Default.aspx, Date accessed: June 22, 2012.

MHS, 2012a. Mercy Clinic South, Mercy Health System, Website: http://www.mercyhealthsystem.org/body.cfm?xyzpdqabc=0&id=10&action=detail&ref=42, Date accessed: April 4, 2012.

MHS, 2012b. Mercy Hospital and Trauma Center, Mercy Health System, Website: http://www.mercyhealthsystem.org/body.cfm?xyzpdqabc=0&id=10&action=detail&ref=54, Date accessed: April 4, 2012.

Moran, J. M. and E. J. Hopkins, 2002. Wisconsin's Weather and Climate, The University of Wisconsin Press, Madison, Wisconsin, 2002.

NAIP, 2010a. USDA NAIP Imagery. Website: http://www.fsa.usda.gov/FSA/apfoapp?area=home&subject=prog&topic=nai, Date accessed: August 15, 2012.

NAIP, 2010b. The National Map Seamless Server Viewer, U.S. Department of Agriculture, National Agriculture Imagery Program. Website: http://seamless.usgs.gov/website/seamless/viewer.htm, Date accessed: April 6, 2012.

NCDC, **1960**. Storm Data, November 1960, Volume 2 No. 11, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **1961**. Storm Data, September 1961, Volume 3 No. 9, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **1967a**. Storm Data, April 1967, Volume 9 No. 4, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **1967b**. Storm Data, August 1967, Volume 9 No. 8, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 1970. Storm Data, October 1970, Volume 12 No. 10, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 1971. Storm Data, November 1971, Volume 13 No. 11, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **1975**. Storm Data, June 1975 Volume 17 No. 6, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 1980. Storm Data, June 1980, Volume 22 No. 6, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 1988. Storm Data, May 1988, Volume 30 No. 5, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 1991. Storm Data, March 1991, Volume 33 No. 3, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **1992**. Storm Data, June 1992, Volume 34 No. 6, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **1996a**. Daily Weather Maps, Weekly Series, July 15-21, 1996, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: October, 2011.

NCDC, 1996b. International Station Meteorological Climate Summary, Ver 4.0, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/.

NCDC, **1997**. Storm Data, July 1996, Volume 38 No. 7, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 1998. Storm Data, June 1998, Volume 40 No. 6, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 1999. Daily Weather Maps, Weekly Series, December 28 1998 – January 3, 1999, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2000. Storm Data, January 1999, Volume 41 No. 1, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001a. Climatography of the United States No. 20, 1971-2000, Arboretum Univ Wis, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001b. Climatography of the United States No. 20, 1971-2000, Arlington Univ Farm, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001c. Climatography of the United States No. 20, 1971-2000, Baraboo, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001d. Climatography of the United States No. 20, 1971-2000, Beaver Dam, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001e. Climatography of the United States No. 20, 1971-2000, Beloit, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001f. Climatography of the United States No. 20, 1971-2000, Brodhead, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001g. Climatography of the United States No. 20, 1971-2000, Charmany Farm, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001h. Climatography of the United States No. 20, 1971-2000, Dalton, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001i. Climatography of the United States No. 20, 1971-2000, DeKalb, IL, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **2001j**. Climatography of the United States No. 20, 1971-2000, Fond du Lac, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001k. Climatography of the United States No. 20, 1971-2000, Fort Atkinson, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001I. Climatography of the United States No. 20, 1971-2000, Hartford 2 W, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001m. Climatography of the United States No. 20, 1971-2000, Horicon, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001n. Climatography of the United States No. 20, 1971-2000, Lake Geneva, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001o. Climatography of the United States No. 20, 1971-2000, Lake Mills, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001p. Climatography of the United States No. 20, 1971-2000, Madison Dane Co AP, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001q. Climatography of the United States No. 20, 1971-2000, Marengo, IL, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001r. Climatography of the United States No. 20, 1971-2000, Oconomowoc, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001s. Climatography of the United States No. 20, 1971-2000, Portage, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001t. Climatography of the United States No. 20, 1971-2000, Prairie du Sac 2 N, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001u. Climatography of the United States No. 20, 1971-2000, Rockford, IL, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001v. Climatography of the United States No. 20, 1971-2000, Stoughton, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001w. Climatography of the United States No. 20, 1971-2000, Watertown, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2001x. Climatography of the United States No. 20, 1971-2000, Wisconsin Dells, WI, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2002. Climate Atlas of the United States, Version 2.0 CD, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/.

NCDC, 2005a. Data Documentation for Data Set 3280 (DSI-3280) Surface Airways Hourly, National Climatic Data Center, Asheville, North Carolina, May 4, 2005.

NCDC, 2005b. Storm Data, August 2005, Volume 47 No. 8, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, 2006. Federal Climate Complex Data Documentation for Integrated Surface Data, National Climatic Data Center Air Force Combat Climatology Center Fleet Numerical Meteorology and Oceanography Detachment, Asheville, North Carolina, August 25, 2006.

NCDC, 2008. Storm Data, January 2008 Volume 50 No. 1, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/, Date accessed: November, 2011.

NCDC, **2011a**. 2010 Local Climatological Data, Annual Summary with Comparative Data, Madison, Wisconsin (KMSN), National Climatic Data Center, Asheville North Carolina, 2011.

NCDC, **2011b**. 2010 Local Climatological Data, Annual Summary with Comparative Data, Moline, Illinois (KMLI), National Climatic Data Center, Asheville North Carolina, 2011.

NCDC, 2011c. 2010 Local Climatological Data, Annual Summary with Comparative Data, Rockford, Illinois (KRFD), National Climatic Data Center, Asheville North Carolina, 2011.

NCDC, 2011d. 2010 Local Climatological Data, Annual Summary with Comparative Data, Springfield, Illinois (KSPI), National Climatic Data Center, Asheville North Carolina, 2011.

NCDC, 2011e. Climatological Data Annual Summary Illinois 2010, Volume 115, Number 13, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/.

NCDC, 2011f. Climatological Data Annual Summary Wisconsin 2010, Volume 115 Number 13, National Climatic Data Center, Asheville, North Carolina, Website: http://www.ncdc.noaa.gov/.

NCDC, **2011g**. NCDC Storm Event Database, National Climatic Data Center, Asheville, North Carolina, Website: http://www4.ncdc.noaa.gov/cgi-win/wwcgi.dll?wwEvent~Storms, Date accessed: November, 2011.

NCDC, **2011h**. TD3280 - Airways Surface Observations, Surface weather observations in TD 3280 digital format from 1948-2009, for NWS-Madison, WI. National Climatic Data Center (NCDC), data purchased from NCDC, Asheville, NC.

NCDC, 2011i. TD 3280 - Airways Surface Observations, Surface weather observations in TD 3280 digital format from 1973-2009, for NWS-Rockford, IL. National Climatic Data Center (NCDC), data purchased from NCDC, Asheville, NC.

NCDC, **2011j**. TD3505 - Airways Surface Observations, Surface weather observations in TD 3505 digital format from 2005-2010, for NWS-Madison, WI. National Climatic Data Center (NCDC), data purchased from NCDC, Asheville, NC.

NCDC, 2011k. TD3505 - Airways Surface Observations, Surface weather observations in TD 3505 digital format from 2005-2010, for NWS-Rockford, IL. National Climatic Data Center (NCDC), data purchased from NCDC, Asheville, NC.

NCDC, 2011I. TD3505 - Airways Surface Observations, Surface weather observations in TD 3505 digital format from 2005-2010, for Southern Wisconsin Regional Airport, Janesville, WI. National Climatic Data Center (NCDC), data purchased from NCDC, Asheville, NC.

NCDC, **2011m**. TD3505 – archive data server. Accessed from: ftp://ftp3.ncdc.noaa.gov/pub/data/noaa/. National Climatic Data Center (NCDC), data purchased from NCDC, Asheville, NC, Date accessed: December, 2011.

NCDC, **2012a**. Data file "anem_elev_inf" referenced in "Data Documentation for Data Set 6421 (DSI-6421) Enhanced hourly wind station data for the contiguous United States" National Climatic Data Center, Asheville North Carolina. Website: http://www.wcc.nrcs.usda.gov/ftpref/support/climate/wind_daily/td6421.pdf.

NCDC, 2012b. Data file "ISH-HISTORY.TXT" Integrated Surface Database Station History, June 2012. National Climatic Data Center, Asheville North Carolina. Website: ftp://ftp.ncdc.noaa.gov/pub/data/inventories/ISH-HISTORY.TXT. Date accessed: July, 2012.

NLSI, 2011. Vaisala 5-Year Flash Density Map – U. S. (1996-2000), National Lightning Safety Institute (NLSI), Website: http://www.lightningsafety.com/nlsi_info/lightningmaps/ US FD Lightning.pdf, Date accessed: December, 2011.

NOAA, 1999. Air Stagnation Climatology for the United States (1948-1998), Julian X.L. Wang and J.K. Angell. National Oceanic and Atmospheric Administration (NOAA), Air Resources Laboratory, Environmental Research Laboratories, Office of Oceanic and Atmospheric Research Silver Spring, MD 20910, April 1999.

NOAA, 2012. Summary of Monthly Normals, 1981-2010, Afton, Wisconsin.

NPS, 2011. Class I Area Locations, National Park Service, U.S. Department of Interior (NPS). Available from: http://www.nature.nps.gov/air/Maps/classILoc.cfm, Date accessed: December, 2011.

NRC, 2012a. Sources of Radiation, Nuclear Regulatory Commission, Website: http://www.nrc.gov/about-nrc/radiation/around-us/sources.html, Date accessed: April 4, 2012.

NRC, 2012b. Natural Background Sources, Nuclear Regulatory Commission, Website: http://www.nrc.gov/about-nrc/radiation/around-us/sources/nat-bg-sources.html, Date accessed: April 4, 2012.

NRC, 2012c. Man-Made Sources, Nuclear Regulatory Commission, Website: http://www.nrc.gov/about-nrc/radiation/around-us/sources/man-made-sources.html, Date accessed: April 4, 2012.

Olcott, **Perry G.**, **1968.** A Summary of Geology and Mineral and Water Resources of Rock County, Open-File Report 68-4. University of Wisconsin-Extension, Geological and Natural History Survey, Madison, Wisconsin.

Olcott, Perry G., 1992. Groundwater Atlas of the United States Iowa, Michigan, Minnesota, Wisconsin. HA 730-J, United States Geologic Survey.

Omernik, J.M, S.S. Chapman, R.A. Lillie, and R.T. Dumke, 2008. Ecoregions of Wisconsin. Wisconsin Department of Natural Resources. May 2008. Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/org/water/swims/datasets/omernik_eco/index.htm, Dated accessed: July 24, 2012.

Rand McNally, 1982. Goode's World Atlas, 16th edition, Rand McNally & Company, Skokie, Illinois, 1982.

Rand McNally, 2005. Goode's World Atlas, 21st edition, Rand McNally & Company, Skokie, Illinois, 2005.

Robertson, Ken, 2008. The Tallgrass Prairie in Illinois, Illinois Natural History Survey. Website: http://www.inhs.uiuc.edu/~kenr/tallgrass.html, Date accessed: August 6, 2012.

Rock County, 2005. Rock County Floodplain Zoning, Chapter 32 of the Code of Ordinances, Adopted July 14, 2005, Resolution 05-6B-248, Amended June 26, 2008, Resolution 08-6A-024, and Amended August 28, 2008, Resolution 08-8A-060.

Rock County, 2009. Rock County Comprehensive Plan 2035, Rock County, WI, http://www.co.rock.wi.us/images/web_documents/departments/planning_development/plans/comprehensive_plan 2035/2035 final II 1 issues opportunities.pdf.

Rock County, 2011. Rock County GIS Website: http://199.233.45.152/Rock/, Date accessed: August 15, 2012.

Rock County, 2012a. County Facts, Rock County, Wisconsin Website: http://www.co.rock.wi.us, Date accessed: January, 2012.

Rock County, 2012b. Magnolia Bluff State Natural Area, Rock County, Wisconsin Website: http://www.co.rock.wi.us/, Date accessed: January, 2012.

Rock County, 2012c. Rock County Parks-Happy Hollow Park. State of Wisconsin, Rock County, Website: http://www.co.rock.wi.us/images/web_documents/departments/parks/ park happy hollow/happy hollow brochure.pdf, Date accessed: August 13, 2012

Rock County Development Alliance, 2011. Rock County Bond Rating Data, Website: http://www.rockcountyalliance.com/Portals/1/
Aug%202011%20Bond%20Rating%20ED%20Report.pdf, Date accessed: March 1, 2012.

Rock County Planning, Economic & Community Development Agency, 2009. Rock County Comprehensive Plan 2035, Map 3.2, Website: http://www.co.rock.wi.us/images/web_documents/departments/planning_development/plans/comprehensive_plan_2035/
2035 final table of contents.pdf, Adopted September 9, 2009.

Sloto, Ronald A. and Michele Y. Crouse, 1996. HYSEP: A Computer Program for Streamflow Hydrograph Separation and Analysis, U.S. Geological Survey Water-Resources Investigations Report 96-4040.

Smith, Daryl D., 1990. Tallgrass Prairie Settlement: Prelude to Demise of the Tallgrass Ecosystem, Proceedings of the 12th North American Prairie Conference: 195-200, 1990, Proceedings of the 12th North American Prairie Conference, Website: http://images.library.wisc.edu/EcoNatRes/EFacs/NAPC/NAPC12/reference/econatres.napc12.dsmith.pdf, Date accessed: August 15, 2012.

Southern Wisconsin Regional Airport, 2004. Noise Contour Map, Southern Wisconsin Regional Airport, Land Use Drawing, prepared by Mead & Hunt. Latest revision date, August, 2004. Date accessed: July 3, 2012.

Southern Wisconsin Regional Airport, 2012a. Airport, Facilities and Facts, Southern Wisconsin Regional Airport, Website: http://www.jvlairport.com/Airport/FacilitiesFacts.aspx, Date accessed: April 2, 2012.

Southern Wisconsin Regional Airport, 2012b. Airport Facilities and Facts, Website: http://www.jvlairport.com/Airport/FacilitiesFacts.aspx, Date accessed: July 12, 2012.

Southern Wisconsin Regional Airport, 2012c. General Aviation Terminal Project Advances, Website: http://www.jvlairport.com/NewsUpdates/CapitalImprovementPlans.aspx, Date accessed: July 20, 2012.

SSURGO, **2010**. Soil Survey Staff, NRCS,USDA, SSURGO Database for Rock County, WI. Website: http://soildatamart.nrcs.usda.gov, Date accessed: August 15, 2012.

Stern, A.C., 1973. "Fundamentals of Air Pollution", Academic Press, New York, New York, 1973.

Stern et al., 1984. Stern, A.C., R.W. Boubel, D.B. Turner, D.L. Fox, Fundamentals of Air Pollution, Academic Press, Orlando, Florida, 1984.

SWWDB, 2009. Rock County Profile, Website: http://www.swwdb.org/PDFs/Region/ Rock%20County%20Profile%20-%20Revised%2011-23-09.pdf, Date accessed: June 7, 2012.

TBEES, 2011. Byron Nuclear Generating Station Units 1 and 2: Annual Radiological Environmental Operating Report, 1 January Through 31 December 2010, ADAMS Database Accession Number ML11137A061, Exelon Nuclear, May 13, 2011.

Trewartha, G. T., 1954. An Introduction to Climate, McGraw Hill Book Company, New York, New York, 1954.

Trewartha, G. T., 1961. The Earth's Problem Climates, The University of Wisconsin Press, Madison, Wisconsin, 1961.

Turner, D.B, 1964. A Diffusion Model for an Urban Area, Journal of Applied Meteorology, Vol. 3, pp 83-91. February, 1964.

USACE, **2009**. Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, ERDC/EL TR-09-19, U.S. Army Corps of Engineers, October 2009.

USCB, 2000a. Summary File 1, American FactFinder, U.S. Department of Commerce, U.S. Census Bureau, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml. Date accessed: June 7, 2012.

USCB, 2000b. Summary File 3, American FactFinder, U.S. Department of Commerce, U.S. Census Bureau, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml. Date accessed: June 7, 2012.

USCB, 2008-2010. Three Year American Community Survey (ACS), American Factfinder, U.S. Department of Commerce, U.S. Census Bureau, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: June 14, 2012.

USCB, 2010a. 2010 Census TIGER/Line Shapefiles. U.S. Census Bureau, Geography Division, Geographic Productions Branch, Website: http://www.census.gov/geo/www/tiger/tgrshp2010/tgrshp2010.html, Date accessed: August 15, 2012.

USCB, 2010b. 2010 Census TIGER/Line Shapefiles, United States Census Bureau, Geography Division, Geographic Productions Branch, Website: http://www.census.gov/geo/www/tiger/tgrshp2010.html Date Accessed: August 15, 2012.

USCB, **2010c**. Demographic Profile 1, American Factfinder http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: April 25, 2012.

USCB, 2010d. Summary File 1, American FactFinder, U.S. Department of Commerce, US Census Bureau, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: June 7, 2012.

USCB, 2011. County and City Data Book: 2007, Website: http://www.census.gov/prod/www/abs/ccdb07.html, Date accessed: November, 2011.

USCB, **2012**. Standard Industrial Classification (SIC) System web page: http://www.census.gov/epcd/ec97brdg/E97B1325.HTM, Date accessed: December 20, 2012.

USDA NRCS, 2012a. SSURGO Database for Rock County, WI, Soil Data Mart. Website: http://soildatamart.nrcs.usda.gov, Date accessed: August 15, 2012.

USDA NRCS, **2012b**. Web Soil Survey. Website: http://websoilsurvey.nrcs.usda.gov/app/ <a href="http://websoils

USDA, 1998. Rural Utilities Service Summary of Items of Engineering Interest, U. S. Department of Agriculture (USDA), August, 1998.

USDA, 2011. Census of Agriculture, National Agricultural Statistics Service, U.S. Department of Agriculture, Website: http://www.nass.usda.gov/Dataandstatistics/index.asp. Date accessed: June 24, 2012.

USDA-SCS, **1974**. Soil Survey of Rock County, Wisconsin. In cooperation with University of Wisconsin Department of Soil Science, Wisconsin Geological and Natural History Survey and the Wisconsin Agricultural Experiment Station, July 1974.

USDOC, 1978. Probable Maximum Precipitation Estimates, United States East of the 105th Meridian, National Oceanic and Atmospheric Administration, U.S. Department of the Army Corps of Engineers, U.S. Department of Commerce (USDOC), Hydrometeorological Report No. 51. Washington, D.C. 1978.

USDOI-BIA, 2012. Agency Letter: Map of All Ho-Chunk Trust Lands within a 50-Mile Radius of the Proposed SHINE Isotope Facility of Janesville WI, U.S. Department of the Interior, Bureau of Indian Affairs, Great Lakes Agency, March 2012.

USDOI-BLM, 1984. Visual Resource Inventory Manual H-8410-1, U.S. Department of Land Management, Bureau of Land Management, January 1986.

USEPA, 1990. Prevention of Significant Deterioration Workshop Manual, Prevention of Significant Deterioration and Nonattainment Area Permitting, U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, N.C., October, 1990.

USEPA, 1999. PCRAMMET.FOR," FORTRAN program, version 99169. U.S. Environmental Protection Agency, Technology Transfer Networks Support Center for Regulatory Atmospheric Modeling. Computer code available from: http://www.epa.gov/ttn/scram/metobsdata procaccprogs.htm, June, 1999.

USEPA. 2008. Clean Watersheds Needs Survey, 2008 Data and Reports, Detailed listing of Wastewater Treatment Plant Flows for State of Wisconsin, U.S. Environmental Protection Agency, Website: http://water.epa.gov/scitech/datait/databases/cwns/2008reportdata.cfm, Date accessed: July 19, 2012.

USEPA, 2009. Environmental Radiation Data, Report 139, July - September 2009, United States Environmental Protection Agency, Office of Radiation and Indoor Air.

USEPA, 2011. Non-Attainment Status for Each County by year in Wisconsin as of August 30, 2011. U.S. Environmental Protection Agency (USEPA), Website: http://www.epa.gov/oaqps001/greenbk/anay_wi.html, Date accessed: December, 2011.

USEPA, 2012a. Level III and IV Ecoregions of the Wisconsin U.S. Environmental Protection Agency, Western Ecology Division, Level III and IV Ecoregions of the Continental United States, Website: http://www.epa.gov/wed/pages/ecoregions/level_iii_iv.htm, Date accessed: March 7, 2012.

USEPA, 2012b. http://cfpub.epa.gov/surf/huc.cfm?huc_code=07090001. Date accessed: August 13, 2012.

USEPA, 2012c. Designated Sole Source Aquifers in EPA Region V, Website: (http://www.epa.gov/safewater/sourcewater/pubs/qrg_ssamap_reg5.pdf), Date accessed: October 5, 2012.

USEPA, 2012d. Ecoregion Maps and GIS Resources, USEPA Western Ecology Division, United States Environmental Protection Agency, Website: http://www.epa.gov/wed/pages/ecoregions.htm, Date accessed: July 24, 2012.

USEPA, 2012e. EnviroMapper for Envirofacts, United States Environmental Protection Agency, Website: http://www.epa.gov/emefdata/em4ef.html?ve=11.42.70109176635742.-89.08168029785156&pText=Janesville.%20Wl

USFWS, **2012**. U.S. Fish and Wildlife Service, Resource Review and Input Response Letter from Peter J. Fasbender dated January 25, 2012.

USGS, 1980. Rockford, Illinois; Wisconsin (Eastern U. S.) 1:250,000 Series (Topographic) Map, U. S. Geological Survey (USGS), Reston, Virginia 1980.

USGS, 1981. U.S. Geological Survey *Janesville quadrangle, Wisconsin* [map]. 1:24,000. 7.5 Minute Series. Washington D.C.: USGS, 1981.

USGS, **2007**. Protecting Wisconsin's Groundwater Through Comprehensive Planning, Rock County, U.S. Geological Survey, Website: http://wi.water.usgs.gov/gwcomp/find/rock/index_full.html, Date accessed: July 19, 2012.

USGS, 2012a. Volcano Environments, U.S. Geological Survey, Website: http://pubs.usgs.gov/gip/volc/environments.html, Date accessed: September 11, 2012.

USGS, 2012b. National Water Information System: Web Interface: http://waterdata.usgs.gov/wi/nwis/sw, Date accessed: August 13, 2012.

USGS, **2012c**. Protecting Wisconsin's Groundwater Through Comprehensive Planning, Website: (http://wi.water.usgs.gov/gwcomp/find/rock/index_full.html), Date accessed: December 21, 2012.

USGS, **2012d**. North American Breeding Bird Survey-Route 91320 (Beloit), 1966-2007. United States Geological Survey, Website: http://www.mgr-pwrc.usgs.gov/cgi-bin.rtena226.pl?91320, Date accessed: February 2, 2012.

UWNR, 2011a. University of Wisconsin – Issuance of Renewed Facility License No. R-74 for the University of Wisconsin Nuclear Reactor (TAC. No. ME1585), ADAMS Database Accession Number ML102370104, Nuclear Regulatory Commission, March 25, 2011.

UWNR, 2011b. University of Wisconsin – Madison Nuclear Reactor Laboratory Ltr. Enclosing Copy of 2010-2011 Annual Report as Required by Technical Specification 6.7.1 (1), ADAMS Database Accession Number ML11216A303, University of Wisconsin Nuclear Reactor, August 1, 2011.

Vandewalle & Associates, 2006. City of Beloit 2006-2010 Parks and Open Space Plan, Adopted: November 20, 2006. Website: http://www.ci.beloit.wi.us/vertical/sites/%7B4AECD64A-01FA-4C24-8F53-D3281732C6AB%7D/uploads/%7B6900F9BC-BC53-49B3-99F4-B0C1670991FA%7D.PDF, Date accessed: July 26, 2012.

Vandewalle & Associates, 2009a. City of Janesville Comprehensive Plan, Volume 1: Existing Conditions Report, Adopted on March 9, 2009, Website: http://www.ci.janesville.wi.us/modules/showdocument.aspx?documentid=1449, Date accessed: July 26, 2012.

Vandewalle & Associates, 2009b. City of Janesville Comprehensive Plan, Volume 2: Policies and Recommendations, 2009, March 2009.

Walker, J.F. and W.R. Krug, 2003. Flood-Frequency Characteristics of Wisconsin Streams, Water-Resources Investigations Report 03-4250. U.S. Department of the Interior, U.S. Geological Survey, in cooperation with the Wisconsin Department of Transportation.

WBBA, 2012. Wisconsin Breeding Bird Atlas, Breeding Birds from the Janesville East Quad and the Janesville West Quad, 1995-2000. University of Wisconsin-Green Bay, Website: http://www.uwqb.edu/birds/wbba/quadlist.asp, Date accessed: February 2, 2012.

WDNR, 2009. State Wildlife Areas, Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/org/land/wildlife/ Date accessed: June 14, 2012.

WDNR, 2010a. DNR Managed Lands web mapping application. Website: http://dnr.wi.gov/topic/ Lands/DMLmap/, Date accessed: August 15, 2012.

WDNR, 2010b. Regulated Terrestrial Invasive Plants in WI, Wisconsin Department of Natural Resources, DNR PUB-FR-464-2010, Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/files/pdf/pubs/fr/FR0464.pdf, Date accessed: August 6, 2012.

WDNR, 2011a. Air Monitoring Network Plan 2012, June 2011. Wisconsin Department of Natural Resources (WDNR), Website: http://dnr.wi.gov/air/pdf/2012_Network_Plan_FINAL.pdf, Date accessed: December, 2012.

WDNR, 2011b. Water Use Registration and Reporting, June 2011, Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/topic/WaterUse/documents/ RegReportFactSheet.pdf, Date accessed: February 14, 2013.

WDNR, 2012a. Ozone Non Attainment Areas, Wisconsin Department of Natural Resources (WDNR), Website: http://dnr.wi.gov/air/aq/ozone/nonattainment.htm#2007request, Date accessed: January, 2012.

WDNR, 2012b. Wisconsin Department of Natural Resources, Wisconsin Lakes web page – maps and inventory, Website: http://dnr.wi.gov/lakes/, Date accessed: August 15, 2012.

WDNR, 2012c. Wisconsin Department of Natural Resources, Endangered Resources Review (ERR #12-020), Proposed SHINE Medial Technologies Industrial Development, Town of Janesville, Rock County, WI.

WDNR, 2012d. Rock River Prairie State Natural Area, Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/org/land/er/sna/index.asp?SNA=289, Date accessed: August 13, 2012

WDNR, 2012e. WDNR Fish Mapping Application. Search Criteria: >1980, Rock River, Rock County. Wisconsin Department of Natural Resources, Website: http://infotrek.er.usgs.gov/fishmap, Date accessed: July 11, 2012.

WDNR, 2012f. Wisconsin Wildlife Primer: Reptiles and Amphibians. Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/org/land/wildlife/PUBL/wildlifeprimam.pdf, Date accessed: August 15, 2012.

WDNR, 2012g. Blanding's Turtle (*Emydoidea blandingii*). Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/topic/EndangeredResources/ Animals.asp?mode=detail&SpecCode=ARAAD04010. Date accessed: August 14, 2012.

WDNR, 2012h. Invasives Rule – NR 40, Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/topic/invasives/classification.html, Date accessed: August 6, 2012.

WHS, **2012a**. Response to AMEC GIS Data Information Request for Properties within 10-mile Radius of SHINE Site, Wisconsin Historical Society.

WHS, 2012b, Request for SHPO Comment and Consultation on a Federal Undertaking, Wisconsin Historical Society February 16, 2012.

WHS, 2013. Wisconsin National Register of Historic Properties, Wisconsin Historical Society, Website: http://www.wisconsinhistory.org/hp/register/, Date accessed: February 13, 2013.

Will-Wolf, S, and T.C. Montague, 1994. Landscape and Environmental Constraints on the Distribution of Presettlement Savannas and Prairies in Southern Wisconsin, Proceedings, North American Conference on Savannas and Barrens. Website: http://www.epa.gov/ecopage/upland/oak/oak94/Proceedings/Will-wolf.html, Date accessed: August 6, 2012.

Wisconsin Department of Health Services, 2010. Rock County Environmental Health Profile, 2010, Website: http://www.dhs.wisconsin.gov/epht/CHP/Rock profile.pdf.

Wisconsin Department of Health Services, 2012. Rock County Environmental Health Profile, Website: http://www.dhs.wisconsin.gov/epht/CHP/Rock profile.pdf, October 2010.

Wisconsin Geological Survey, 2011. Educational Series 51, Available at: http://wisconsingeologicalsurvey.org/pdfs/espdf/ES51.pdf, Date accessed: November 8, 2012

Wisconsin State Climatology Office, 2006. Monthly Historical State Climate Summaries, South Central Wisconsin Divisional Average Precipitation (inches), Website: http://www.aos.wisc.edu/~sco/clim-history/division/4708-R.html, Date accessed: August 15, 2012.

WisDOT, 2010. 2010, Lower Half, City of Janesville, Rock County, Daily Traffic Volume Map, Wisconsin Department of Transportation, Website: http://www.dot.wisconsin.gov/travel/counts/docs/rock/janesville-2-2010.pdf, Date accessed: March 1, 2012.

Woods, A.J., J.M. Omernik, C.L. Pederson, and B.C. Moran. 2006. Level III and IV Ecoregions of Illinois, September 2006.

Zaporozec, Alexander, 1982. Ground-Water Quality of Rock County, Wisconsin, Information Circular Number 41, Wisconsin Geological and Natural History Survey in cooperation with Rock County Division Of Environmental Health, March 1982.

19.7.4 IMPACTS OF PROPOSED CONSTRUCTION, OPERATIONS, AND DECOMMISSIONING

AirNav, 2013. Southern Wisconsin Regional Airport, Website: http://www.airnav.com/airport/KJVL, Date accessed: January 16, 2013.

Beloit Daily News, 2011. High-tech firm picks Beloit for \$194 million development, Website: http://www.beloitdailynews.com/news/top_news/high-tech-firm-picks-beloit-for-million-d/, Date accessed: August 21, 2012.

BLS, **2009**. May 2009 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates, Bureau of Labor Statistics, Website: http://www.bls.gov/oes/2009/may/oes/27500.html, Date accessed: July 19, 2012.

BLS, 2011. May 2009 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates, Bureau of Labor Statistics, Website: http://stat.bls.gov/oes/current/oes-27500.html, Date accessed: June 10, 2012.

Bureau of Indian Affairs, 2012. Indian Reservations in the Continental United States, Website: http://www.nps.gov/nagpra/DOCUMENTS/RESERV.PDF, Date accessed: August 30, 2012.

California Energy Commission, 2009. Orange Grove Energy, L.P., Orange Grove Project, Application for Certification (08-AFC-4), San Diego County, Volume 3, Appendix 6.12 B, April 2009.

Chepesiuk, Ron, 2009. Missing the Dark, Health Effects of Light Pollution, Environmental Health Perspectives, Volume 117, Number 1, January 2009.

City of Janesville, 2012a. Tax Increment Finance District No. 35 Project Plan, Adopted August 22, 2011, Amendment No. 1, February 13, 2012.

City of Janesville, 2012b. Tax Increment Finance District No. 35 Project Plan. Amendment No. 1, Website: http://www.ci.janesville.wi.us/modules/ showdocument.aspx?documentid=1463, Date accessed: October 9, 2012.

CEQ, 1997. Considering Cumulative Effects Under the National Environmental Policy Act, Council on Environmental Quality, Executive Office of the President.

DOE, **2012**. Environmental Assessment for Northstar Medical Technologies LLC Commercial Domestic Production of the Medical Isotope Molybdenum-99 (DOE/EA-1929), U.S. Department of Energy, Website: http://energy.gov/sites/prod/files/EA-1929-FEA-2012.pdf, Date accessed: October 9, 2012.

DOR, 2012. County and Municipal Revenues and Expenditures 2010, Bulletin No. 110, January 2012, Website: http://www.revenue.wi.gov/slf/cotvc/cmreb10.pdf, Date accessed: August 19, 2012.

DPI, 2012a. 2011-2012 Staff to Students Ratio, Website: http://data.dpi.state.wi.us/data/ StaffPage.aspx?OrgLevel=st&GraphFile=BlankPageUrl&, Date accessed: October 22, 2012.

DPI, 2012b. 2011-2012 Public Enrollment by County by District by School by Gender, Website: http://www.dpi.state.wi.us/lbstat/pubdata2.html, Date accessed: June 4, 2012.

Fry, J., Xian, G., Jin, S., Dewitz, J., Homer, C., Yang, L., Barnes, C., Herold, N., and Wickham, J., 2011. National Land Cover Database 2006, Land Cover Change 2001/2006, National Land Cover Database for the Conterminous United States, PE&RS, Volume 77(9):858-864, September 2011.

Hastings, 2011. Hastings HVAC Bulletin No. IRHS-1. Hastings HVAC, Hastings, NE, December 2011, 20 pp, Website: http://www.hastingshvac.com/UserFiles/File/Bulletin%20IRHS-1%20December%202011.pdf, Date accessed: October 3, 2012.

JSD, 2011a. Janesville School District Strategic Plan, Website: http://www.janesville.k12.wi.us/ Portals/1/Strategic Plan Action Steps and Dates Final w-o Action Steps%5B1%5D.pdf, Date accessed: October 18, 2012.

JSD, 2011b. School District of Janesville, 2011-12 Budget, Website, http://www.janesville.k12.wi.us/Portals/1/Budget%202011-12.pdf, Date accessed: March 1, 2013.

Karl, T. R., J.M. Melillo, and T.C. Peterson, eds., 2009. Global Climate Change Impacts, Cambridge University Press.

Mercy Health System, 2012a. Mercy Clinic South, Website: http://www.mercyhealthsystem.org/body.cfm?xyzpdqabc=0&id=10&action=detail&ref=42, Date accessed: October 16, 2012.

Mercy Health System, 2012b. Mercy Hospital and Trauma Center, Website: http://www.mercyhealthsystem.org/body.cfm?xyzpdqabc=0&id=10&action=detail&ref=54, Date accessed: October 16, 2012.

NorthStar Medical Radioisotopes, 2012. NorthStar Medical Technologies, Hendricks Commercial Properties Sign Agreement for Beloit Facility Development, Website: http://www.northstarnm.com/index.php?module=cms&page=31, Date accessed: October 9, 2012.

NRC, **2004**. Policy Statement on the Treatment of Environmental Justice Matters in NRC Regulatory and Licensing Actions (69 FR 52040), U.S. Nuclear Regulatory Commission, August 24, 2004.

NRC, **2009**. Office Instruction No. LIC 203, Revision 2, Procedural Guidance for Preparing Environmental Assessments and Considering Environmental Issues, U.S. Nuclear Regulatory Commission, February 17, 2009.

Ogden, L.J.E., 1996. Collision Course: The Hazards of Lighted Structures and Windows to Migrating Birds, Published by World Wildlife Fund Canada and the Fatal Light Awareness Program, September 1996.

Olcott, Perry G., 1969. A Summary of Geology and Mineral and Water Resources of Rock County, Open-File Report 69-3, Geological and Natural History Survey.

Reznor, 2002. The Reznor Gas-Fired Space Heating Handbook, Thomas & Betts Corp., 76 pp., Website: www.rezspec.com, Date accessed: October 3, 2012.

State of Wisconsin Bureau of Migrant Labor Services, 2011. Migrant Population Report, Website: http://dwd.wisconsin.gov/migrants/pdf/migrantpoprep2011.pdf, Date accessed: September 4, 2012.

Town of Rock, 2006. Official Zoning Map, Rock County Geographic Information Systems (GIS), Planning, Economic, and Community Development Agency, Website: http://199.233.45.158/images/web_documents/departments/planning_development/zoning_maps/trockzoning.pdf, Date accessed: October 03, 2012.

Town of Rock, 2008. Zoning Ordinance Town of Rock, Rock County, Wisconsin, Website: http://www.tn.rock.wi.gov/docview.asp?docid=4000&locid=181, Date accessed: October 29, 2012.

University of Wisconsin, 2009. Environmentally friendly upgrade planned for Charter Street plant, Website: http://www.news.wisc.edu/16755, Date accessed: October 9, 2012.

USCB, **2006-2010**. Table B17017, Poverty Status in the Past 12 Months by Household Type by Age of Householder, 2010 American Community Survey 5-Year Estimates, American Factfinder, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: August 20, 2012.

USCB, 2010a. Demographic Profile 1, American Factfinder, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: April 25, 2012.

USCB, 2010b. Summary File 1: Table P14, Sex by Age for the Population under 20 Years, American FactFinder, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: October 22, 2012.

USCB, 2010c. Demographic Profile 1, Profile of General Population and Housing Characteristics: 2010, American Factfinder, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml. Date accessed: August 20, 2012.

USEPA, 1995. Compilation of Air Pollutant Emission Factors – Volume I: Stationary Point and Area Sources (AP-42), U.S. Environmental Protection Agency Office of Air Quality Planning and Standards, Fifth Edition, January 1995.

USEPA, 2012. U.S. Greenhouse Gas Inventory Report, U.S. Environmental Protection Agency, Website: http://www.epa.gov/climatechange/ghgemissions/usinventoryreport.html, Date accessed: September 5, 2012.

USFWS, **2012**. Resource Review and Input Response Letter from Peter J. Fasbender dated January 25, 2012.

USGS, 2012. The USGS Water Science School, Website: http://ga.water.usgs.gov/edu/qa-home-percapita.html, Date accessed: October 18, 2012.

WDNR, 2010a. Air Pollution Control Operation Permit. West Campus Cogeneration Facility, Permit No. 113151500-P01, September 8, 2010.

WDNR, 2010b. Air Pollution Control Operation Permit, Generac Power Systems-Whitewater, Permit No. 128105230-P20, November 22, 2010.

WDNR, 2011a. PM_{2.5} Regional Background Concentrations (Draft) Memorandum from John Roth, dated April 15, 2011. Wisconsin Department of Natural Resources, Website: http://dnr.wi.gov/topic/AirPermits/documents/ RegionalBackgroundConcentrationsIncDRAFTPM25.pdf, Date accessed: August 2012.

WDNR, 2011b. Air Pollution Control Operation Permit, Alliant Energy- WP&L Turtle Generating Facility, Permit No. 154121880-P20, June 30, 2011.

WDNR, 2011c. Air Pollution Control Operation Permit, University of Wisconsin Madison-Charter St., Permit No. 113008390-P04, November 8, 2011.

WDNR, 2012a. Policy for Dispersion Modeling of Intermittent Operating Units, Wisconsin Department of Natural Resources, Memorandum from Andrew Stewart dated March 6, 2012, Website: http://dnr.wi.gov/topic/AirPermits/documents/IntermittentSources2012.pdf, Date accessed: October 1, 2012.

WDNR, 2012b. Endangered Resources Review (ERR #12-020), Proposed SHINE Medial Technologies Industrial Development, Town of Janesville, Rock County, WI.

WDNR, 2012c. Air Pollution Control Construction Permit, University of Wisconsin Madison-Charter St., Permit No. 11-SDD-099, February 8, 2012.

WDNR, 2012d. Air Pollution Control Construction Permit, United Ethanol, LLC, Permit No. 11-DCF-056, May 2, 2012.

WDNR, 2012e. Air Pollution Control Construction and Operation Permit, Kraft Foods Global, Inc.-Madison, Permit Nos. 09-SSS-127-R1 and 113004650-P13, June 27, 2012.

WHS, 2012. Wisconsin Historical Society, Response Received from Mr. Dan Duchrow re "Request for SHPO Comment and Consultation on a Federal Undertaking," dated March 7, 2012.

Wisconsin Golf Courses, 2013. Glen Erin Golf Course Janesville WI, Website: http://www.gleneringolf.com/index.shtml, Date accessed: January 16, 2013.

19.7.5 ALTERNATIVES

American Engineering Testing, Inc., 2011. Report of Subsurface Exploration.

B&W TSG, 2009a. B&W and Covidien to develop U.S. source of key medical isotope, Babcock & Wilcox Technical Services Group Inc., January 26, 2009, Website: http://www.babcock.com/news_and_events/2009/20090126a.html, Date accessed: February 3, 2012.

B&W TSG, 2009b. Medical Isotope Production System, Babcock & Wilcox Technical Services Group Inc., 2011, Website: http://www.babcock.com/library/pdf/PS-301-110.pdf, Date accessed: February 3, 2012.

B&W TSG, 2009c. B&W Medical Isotope Production System, Meeting with USNRC, Babcock & Wilcox Technical Services Group Inc., July 2009, Obtained from NRC Agencywide Documents Access and Management System (ADAMS), ML091900270.

Broihahn, 2011. Historic and Archaeological Resource Identification, Correspondence from John Broihahn, Wisconsin State Archeologist, to Katrina Pitas, SHINE Medical Technologies, November 1, 2011.

City of Chippewa Falls, 2011. Zoning Map, Chippewa Falls Website: http://www.chippewafalls-wi.gov/Maps/Zoning_map.pdf, Date accessed: December 2011.

City of Stevens Point, 2011a. Comprehensive Plan, Stevens Point Website: http://www.co.portage.wi.us/Comprehensive%20Plan/Planning%20Program/Stevens%20Point/Stevens%20Point.html, Date accessed: December 2011.

City of Stevens Point, 2011b. Report of City Plan Commission, Website: http://stevenspoint.com/archives/47/minutesPlan20111205.pdf, Date accessed: December 2011.

City of Stevens Point, 2012a. City Plan Commission, Website: http://stevenspoint.com/archives/36/agendaPlan20120103b.pdf, Date accessed: September 2012.

City of Stevens Point, 2012b. Stevens Point receives \$225,640 from Focus on Energy, Website: http://www.ci.stevens-point.wi.us/CivicAlerts.aspx?AID=799&ARC=1671, Date accessed: September 2012.

City of Stevens Point, 2012c. Website: http://stevenspoint.com, Date accessed: September 2012.

CLS, 2012. Canadian Light Source, Inc., Medical Isotopes Backgrounder: Producing medical isotopes using X-rays, January 19, 2012, Website: http://www.lightsource.ca/medicalisotopes/, Date accessed: April 17, 2012.

DOE, 2012. Environmental Assessment for NorthStar Medical Technologies LLC Commercial Domestic Production of Medical Isotope Molybdenum-99 (EA-1929), U.S. Department of Energy, National Nuclear Security Administration, Defense Nuclear Nonproliferation/Global Threat Reduction Initiative, August 2012.

EDI, 2011. New "aftermarket services" facility will increase EDI's flat dies rework capabilities and reduce lead times for customers, Website: http://www.extrusiondies.com/ news leterature.phtml#1, Date accessed: September 17, 2012.

Environmental Leader, LLC, 2008. Neenah paper to use biomass at Whiting Mill, Website: http://www.environmentalleader.com/2008/08/20/neenah-paper-to-use-biomass-at-whiting-mill/. Date accessed: September 17, 2012.

EOG Resources, **2012**. EOG resources reports first quarter 2012 results and raises 2012 liquids production growth target, Website: http://investor.shareholder.com/eogresources/releasedetail.cfm?ReleaseID=671644, Date accessed: September 17, 2012.

GEH, 2010. Moly-99 Project Update for the US NRC August 2011, GE Hitachi Nuclear Energy, Obtained from NRC ADAMS, ML112240806.

Greenberg and Brown, 1986. Bedrock Geology of Portage County, Wisconsin, Wisconsin Geological and Natural History Survey (WGNHS) Map 86-3.

HI, 2011. Health Imaging, Northstar chooses Wisconsin for isotope production, June 23, 2011, Website: http://www.healthimaging.com/ index.php?option=com_articles&view=article&id=28423:northstar-chooses-wisconsin-for-isotope-production, Date accessed: April 17, 2012.

iMakeSense, LLC, 2010. Revelations Architects/Builders Corporation News, Website: http://www.revarch.com/news.html, Date accessed: September 17, 2012.

Jerde, 2011. Columbia Energy Center state's number 1 mercury emitter, Website: http://www.wiscnews.com/portagedailyregister/news/article_bdcdca56-11a5-11e1-886d-001cc4c03286.html, Date accessed: September 17, 2012.

Knolls, 2002. Nuclides and Isotopes, 16th edition, Knolls Atomic Power Laboratory, 2002.

McCarthy, 2011. United State EPA Memorandum: Implementation of the Ozone National Ambient Air Quality Standard, Website: http://www.4cleanair.org/Documents/ lmplementationoftheOzoneNAAQS92211.pdf, Date accessed: September 17, 2012.

Mudrey et al., 1982. Bedrock Geologic Map of Wisconsin, University of Wisconsin Extension, Geological and Natural History Survey.

NAIP, 2010a. USDA NAIP Imagery. Website: http://www.fsa.usda.gov/FSA/apfoapp?area=home&subject=prog&topic=nai, Date accessed: August 15, 2012.

National Atlas of the United States, 2012. Wisconsin Federal Lands and Indian Reservations, Website: http://nationalatlas.gov/printable/fedlands.html, Date accessed: September 14, 2012.

NM, 2010. Nuclear Monitor, Medical Radioisotopes Production without a Nuclear Reactor, No. 710/711, June 4, 2010.

NRC, **2004**. Policy Statement on the Treatment of Environmental Justice Matters in NRC Regulatory and Licensing Actions, 69 FR 52040, August 24, 2004.

NRC, 2011. NRC Background Information, Conference of Radiation Control Program Directors Annual Meeting, May 2011.

NRCS, **2012**. Natural Resource Conservation Service Soil Survey Website: http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm, Date accessed: July 2012.

Portage County, 2012a. Zoning Maps, Portage County Website: http://www.co.portage.wi.us/planningzoning/zoning-maps.htm, Date accessed: July 2012.

Portage County, 2012b. Comprehensive Plan, Portage County Website: http://www.co.portage.wi.us/Comprehensive%20Plan/Planning%20Program/Index.html, Date accessed: July 2012.

Rubenzer, 2011. City of Chippewa Falls Board of Public Works Meeting Minutes, Website: http://www.chippewafalls-wi.gov/meeting%20minutes/2011/Board%20of%20Public%20Works/May%209%20%202011.pdf, Date accessed: September 17, 2012.

The Chippewa Herald, 2009. County Loses \$1.8 million on Wissota Green foreclosure, Website: http://chippewa.com/news/county-loses-million-on-wissota-green-foreclosure/article_08701daa-ea8f-54af-ad5b-f8dfbe1b7f97.html, Date accessed: September 17, 2012.

The Chippewa Herald, 2012. EOG sand operation underway, Website: http://chippewa.com/news/local/eog-sand-operation-underway/article_8f360c64-398f-11e1-91cf-001871e3ce6c.html, Date accessed: September 17, 2012.

ThinkResources, Inc. 2008. Wisconsin Power Plants, Website: http://www.powerplantjobs.com/ppj.nsf/powerplants1?openform&cat=wi&Count=500, Date accessed: September 17, 2012.

UM, 2006a. Redacted - Safety Analysis Report for the University of Missouri-Columbia Application for License Renewal Application - (Volume 1 of 2), University of Missouri-Columbia, August 18, 2006. Obtained from NRC ADAMS, ML092110573.

UM, 2006b. MURR Environmental Report for License Renewal, Facility License No. R-103, Docket No. 50-186, University of Missouri-Columbia, August 2006. Obtained from NRC ADAMS, ML062540121.

USCB, **2012a**. Demographic Profile 1: Profile of General Population and Housing, American Factfinder, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: August 19, 2012.

USCB, **2012b**. Chippewa County Quick Facts, Website: http://quickfacts.census.gov/qfd/states/55/55017.html, Date accessed: September 6, 2012.

USCB, **2012c**. Five Year American Community Survey Estimates, Table 17017: Poverty Status in the Past 12 Months by Household Type by Age of Householder, Summary File Retrieval Tool, Website: http://www.census.gov/acs/www/data_documentation/summary_file/, Date accessed: August 22, 2012.

USCB, 2012d. Summary File 1, P5: Hispanic or Latino Origin by Race, American Factfinder, Website: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml, Date accessed: August 19, 2012.

USCB, **2012e**. Portage County Quick Facts, Website: http://quickfacts.census.gov/qfd/states/55/55097.html, Date accessed: September 6, 2012.

USEPA, 2012a. Non-Attainment Status for Each County by year in Wisconsin as of July 20 2012. U.S. Environmental Protection Agency (USEPA), Website: http://www.epa.gov/oaqps001/greenbk/anay_wi.html, Date accessed: July, 2012.

USEPA, 2012b. Non-Attainment Status for Each County by year in Minnesota as of July 20, 2012. U.S. Environmental Protection Agency (USEPA), Website: http://www.epa.gov/oaqps001/greenbk/anay_mn.html, Date accessed: July, 2012.

USEPA, 2012c. Cross-State Air Pollution Rule, Website: http://www.epa.gov/airtransport. Date accessed: September 17, 2012.

USFWS, 2012a. Possible Industrial Development, City of Chippewa Falls, Chippewa County, Wisconsin, Correspondence from Jill Utrup, Field Supervisor of the USFWS, to Katrina Pitas, SHINE Medical Technologies, January 19, 2012.

USFWS, **2012b**. Possible Industrial Development Project Site and Vicinity Portage County, Wisconsin, Correspondence from Peter Fasbender, Field Supervisor of the USFWS, to Katrina Pitas, SHINE Medical Technologies, March 5, 2012.

USGS, 2006. National Land Cover Dataset, Website: http://viewer.nationalmap.gov/viewer, Date accessed: July 2012. ESRI ArcGIS 9.3.1 software.

USGS, 2012a. National Seismic Hazard Maps, Website: http://gldims.cr.usgs.gov/website/nshmp2008/viewer.htm, Date accessed: July 2012.

USGS, 2012b. National Seismic Hazard Maps, Website: http://earthquake.usgs.gov/earthquakes/states/wisconsin/history.php, Date accessed: July 2012.

USGS, 2012c. EHP Quaternary Faults, Website: http://geohazards.usgs.gov/qfaults/map.php, Date accessed: July 2012.

USGS, **2012d**. Water Site: http://wi.water.usgs.gov/gwcomp/find/chippewa/brrts.html, Date accessed: July 2012.

USGS, 2012e. Water Site: http://wi.water.usgs.gov/gwcomp/find/portage/brrts.html, Date accessed: July 2012.

UW, 1964. Ice Age Deposits of Wisconsin, University of Wisconsin Extension Office.

UW, 1983. Thickness of Unconsolidated Material in Wisconsin, University of Wisconsin Extension Office.

UW, 1989. Groundwater Contamination Susceptibility in Wisconsin, University of Wisconsin Extension Office.

U.S. Government, 1992. Energy Policy Act of 1992, 1992.

Vetter, 2012. Designs proposed for Irvine park Zoo addition, Website: http://www.leadertelegram.com/news/front_page/article_e30b61d6-5799-11e1-8b33-0019bb2963f4.html, Date accessed: September 17, 2012.

WBN, 2011. NorthStar Medical Radioisotopes, LLC moving to Beloit, Wisconsin, Wisconsin BrokerNET, June 22, 2011, Website: http://www.wisconsinbrokernet.com/2011/northstar-radiosotopes-llc-moving-to-beloit-wisconsin/, Date accessed: February 7, 2012.

WDNR, 2011a. Endangered Resources Review (ERR Log # 11-491) Proposed Industrial Development Project in Chippewa County, WI, Correspondence from Emma Pelton, Endangered Resources Program WDNR, to Timothy Krause, Sargent & Lundy, December 12, 2011.

WDNR, 2011b. Endangered Resources Review (ERR Log # 11-492) Proposed Industrial Development Project in Portage County, WI, Correspondence from Lori Steckervetz, Endangered Resources Program WDNR, to Timothy Krause, Sargent & Lundy, December 7, 2011.

WDNR, 2012a. Air Monitoring Network Plan 2013, June 2012. Wisconsin Department of Natural Resources (WDNR), Website: http://dnr.wi.gov/topic/AirQuality/documents/2013NetworkPlanProposed.pdf, Date accessed: July, 2012.

WDNR, 2012b. WisconsinDNRWebView, Website: http://dnrmaps.wi.gov/imf/imf.jsp?site=webview, Date accessed: September 14, 2012.

WDNR, 2012c. Air Management Program, Website: http://dnr.wi.gov/cias/am/amexternal/AM_PermitTracking.aspx?id=3001907, Date accessed: September 17, 2012.

WDNR, 2012d. Air Management Program, Website: http://dnr.wi.gov/cias/am/amexternal/AM_PermitTracking.aspx?id=10641, Date accessed: September 17, 2012.

WDNR, 2012e. Air Management Program, Website: http://dnr.wi.gov/cias/am/amexternal/AM_PermitTracking.aspx?id=19054951, Date accessed: September 17, 2012.

WDNR, 2012f. Air Management Program, Website: http://dnr.wi.gov/cias/am/amexternal/AM_PermitTracking.aspx?id=17105222, Date accessed: September 17, 2012.

WDNR, 2012g. Air Management Program, Website: http://dnr.wi.gov/cias/am/amexternal/AM_PermitTracking.aspx?id=3001987, Date accessed: September 17, 2012.

WDNR, 2012h. Air Management Program, Website: http://dnr.wi.gov/cias/am/amexternal/AM-PermitTracking.aspx?id=3002320, Date accessed: September 17, 2012.

WDNR, 2012i. Air Management Program, Website: http://dnr.wi.gov/cias/am/amexternal/ AM PermitTracking.aspx?id=3002137, Date accessed: September 17, 2012.

WDOR, 2012a. County and Municipal Revenues and Expenditures 2010, Bulletin No. 110, January 2012, Website: http://www.revenue.wi.gov/slf/cotvc/cmreb10.pdf, Date accessed: August 19, 2012.

WDOT, 2011. Annual average hourly traffic counts, Website: http://transportal.cee.wisc.edu, Date accessed: August 2012, Wisconsin Hourly Traffic Data of The WisTransPortal Project.

WDOT, 2012. US 10 (WIS 13 – I-39) expansion Marshfield to Stevens Point Portage and Wood counties, Website: http://www.dot.wisconsin.gov/projects/us10/. Date accessed: September 17, 2012.

WDPI, 2012. 2011-2012 Enrollment by County by District by School by Gender, Website: http://www.dpi.state.wi.us/lbstat/pubdata2.html, Date accessed: August 19, 2012.

WGNHS, 2004. Scanned Images of Wisconsin Well Constructor's Reports- Chippewa County 1936-1989, Open File Report 2001-02 CH.

WGNHS, **2005**. Scanned Images of Wisconsin Well Constructor's Reports- Portage County 1936-1989, Open File Report 2001-02 PT.

WGNHS, **2012**. Wisconsin Carbonate Bedrock Map Website; http://wisconsingeologicalsurvey.org/karstbedrock.htm, Date accessed: July 2012.

WNN, 2011. Clinton moving into molybdenum production, September 14, 2011, World Nuclear News, Website: http://www.world-nuclear-news.org/RS-Clinton_moving_into_molybdenum_production-1409118.html, Date accessed: February 2, 2012.

19.7.6 CONCLUSIONS

US Census Bureau, 2012. The 2012 Statistical Abstract: Mining, Mineral Industries, Website, http://www.census.gov/compendia/statab/cats/forestry_fishing_and_mining/ mining mineral industries.html, Date accessed: January 18, 2013.

World Nuclear Association, 2012. Supply of Uranium-August 2012, Website: http://www.world-nuclear.org/info/inf75.html, Date accessed: December 28, 2012.