

Documents Identified Pursuant to 10 C.F.R. § 2.336(b)(3)¹

References Related to Reactor Vessel Surveillance

NUREG-1800, *Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants*, Rev. 1 (Sept. 2005), section A.1.2.3.10.

NUREG-1801, *Generic Aging Lessons Learned Report*, Rev. 1 (Sept. 2005) (GALL Report), AMP XI.M31, "RV Surveillance".

NUREG/CR-4513, *Estimation of Fracture Toughness of Cast Stainless Steels During Thermal Aging in LWR Systems*, Rev. 1 (August 1994),

10 CFR Part 50, Appendix H, "Reactor Vessel Material Surveillance Program Requirements".

American Society of Testing Materials (ASTM) E 185, 1982 Edition, "Conducting Surveillance Tests for Light Water Cooled Nuclear Power Reactors".

Westinghouse Electric Corporation, WCAP-15338-A, "A Review of Cracking Associated with Weld Deposited Cladding in Operating PWR Plants," Pittsburgh, Pennsylvania, March 2001 (ADAMS Accession No. ML083530289).

NRC Safety Evaluation Report dated October 15, 2001 of WCAP-15338, "A Review of Cracking Associated with Weld Deposited Cladding in Operating PWR Plants," (ADAMS Accession No. ML012890230).

Letter from Christopher I. Grimes, U.S. Nuclear Regulatory Commission, License Renewal and Standardization Branch, to Douglas J. Walters, Nuclear Energy Institute, License Renewal Issue No. 98-0030, *Thermal Aging Embrittlement of Cast Stainless Steel Components*, May 19, 2000 (ADAMS Accession No. ML003717179).

American Society of Mechanical Engineers (ASME) Code, Section XI, Non-mandatory Appendix G, "Fracture Toughness Criteria for Protection Against Failure," 2007 Edition.

U.S. Nuclear Regulatory Commission Regulatory Guide 1.99, "Radiation Embrittlement of Reactor Vessel Materials," Revision 2, May 1988.

¹ Information generated by the NRC or developed under an NRC contract is not copyrighted, unless indicated otherwise. Non-copyrighted material can be reproduced without permission; citation of the NRC as the source of the information is appreciated. Permission to reproduce any copyrighted material (including photos or graphics) must be obtained from the original source.

WCAP-14637, "Prairie Island Unit 2 Heatup and Cooldown Limit Curves for Normal Operation," Revision 3, December 1999 (ADAMS Accession Nos. ML023230354 and ML003703560, respectively).

Generic Letter (GL) 92-01, "Reactor Vessel Structural Integrity," November 10, 1999 (ADAMS Accession No. ML993330371).

References Related to Purpose and Need for Action

10 CFR Part 51. Code of Federal Regulations, *Title 10, Energy*, Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions."

73 FR 34335. U.S. Nuclear Regulatory Commission. Washington D.C. "Nuclear Management Company, LLC, Prairie Island Nuclear Generating Plant, Units 1 and 2; Notice of Acceptance for Docketing of the Application and Notice of Opportunity for Hearing Regarding Renewal of Facility Operating License Nos. DPR-42 and DPR-60 for an Additional 20- Year Period." Federal Register: Vol. 73, No. 117, pp. 34335-34337. June 17, 2008.

73 FR 42628. U.S. Nuclear Regulatory Commission. Washington D.C. "Nuclear Management Company, LLC.; Prairie Island Nuclear Generating Plant, Units 1 and 2; Notice of Intent To Prepare an Environmental Impact Statement and Conduct Scoping Process." Federal Register: Vol. 73, No. 141, pp. 42628-42630. July 22, 2008.

Atomic Energy Act of 1954. 42 U.S.C. 2011, et seq.

Endangered Species Act of 1973. 16 U.S.C. 1531, et seq.

Magnuson-Stevens Fishery Conservation and Management Act, as amended by the *Sustainable Fisheries Act of 1996*. 16 U.S.C. 1855, et seq.

National Environmental Policy Act of 1969. 42 U.S.C. 4321, et seq.

National Historic Preservation Act. 16 U.S.C. 470, et seq.

NMC (Nuclear Management Company, LLC). 2008. Prairie Island Nuclear Generating Plant, Units 1 and 2, License Renewal Application, Appendix E – Applicant's Environmental Report, License Renewal Operating Stage. Redwing, Minnesota. April 2008. ADAMS Nos. ML081130677, ML081130681, and ML081130684.

NRC (U.S. Nuclear Regulatory Commission). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*. NUREG-1437, Volumes 1 and 2, Washington, D.C. ADAMS No. ML061770605.

NRC (U.S. Nuclear Regulatory Commission). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Main Report*, "Section 6.3 – Transportation, Table 9.1, Summary of findings on NEPA issues for license renewal of nuclear power plants, Final Report." NUREG-1437, Volume 1, Addendum 1, Washington, D.C.

References Related to Affected Environment

10 CFR 20. *Code of Federal Regulations*, Title 10, *Energy*, Part 20, "Standards for Protection Against Radiation."

10 CFR 50. *Code of Federal Regulations*, Title 10, *Energy*, Part 50, "Domestic Licensing of Production and Utilization Facilities."

10 CFR 51. *Code of Federal Regulations*, Title 10, *Energy*, Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions."

10 CFR 54. *Code of Federal Regulations*, Title 10, *Energy*, Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants."

10 CFR 61. *Code of Federal Regulations*, Title 10, *Energy*, Part 61, "Licensing Requirements for Land Disposal of Radioactive Waste."

10 CFR 71. *Code of Federal Regulations*, Title 10, *Energy*, Part 71, "Packaging and Transportation of Radioactive Material."

10 CFR 100. *Code of Federal Regulations*, Title 10, *Energy*, Part 100, "Reactor Site Criteria."

40 CFR 81. *Code of Federal Regulations*, Title 40, *Protection of Environment*, Part 81, "Designation of Areas for Air Quality Planning Purposes."

40 CFR 190. *Code of Federal Regulations*, Title 40, *Protection of Environment*, Part 190, "Environmental Radiation Protection Standards for Nuclear Power Operations."

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

40 CFR Part 261. *Code of Federal Regulations*, Title 40, *Protection of Environment*, Part 261, "Identification and Listing of Hazardous Waste."

40 CFR 262. *Code of Federal Regulations*. Title 40, *Protection of Environment*, Part 262, "Standards Applicable to Generators of Hazardous Waste."

40 CFR 266. *Code of Federal Regulations*, Title 40, *Protection of Environment*, Part 266, "Storage, Treatment, Transportation, and Disposal of Mixed-Waste."

40 CFR 273. *Code of Federal Regulations*, Title 40, *Protection of Environment*, Part 273, "Standards for Universal Waste Management."

41 FR 24064. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; endangered status for taxa of animals. June 14, 1976.

63 FR 31268. U.S. Environmental Protection Agency. Changes to the hazardous chemical reporting regulations. June 8, 1998.

72 FR 37346, U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; removing the Bald Eagle in the lower 48 states from the list of endangered and threatened wildlife. July 9, 2007.

AEC (Atomic Energy Commission). 1973. Final Environmental Statement Related to the Operation of Prairie Island Nuclear Generating Plant. Washington, D.C. ADAMS No. ML081840311.

CAA (*Clean Air Act*. 42 U.S.C. 7401, et seq.). *United States Code*, Title 42, *The Public Health and Welfare*, Chapter 85, "Air Pollution Prevention and Control."

Cornell (Cornell Lab of Ornithology). 2003. "Peregrine Falcon." Available URL: http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Peregrine_Falcon_dtl.html. Accessed October 2, 2007. ADAMS No. ML073300303.

Cowdery, Timothy K. 1999. *Water Resources of the Prairie Island Indian Reservation, Minnesota, 1994-1997*: Water-Resources Investigation Report 99-4069. U.S. Geological Survey. Available URL: <http://mn.water.usgs.gov/pubs/99-4069.pdf> (accessed October 10, 2008).

CWA (*Clean Water Act*; or *Federal Water Pollution Control Act*). 33 U.S.C. 1251 et seq.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

EPA (U.S. Environmental Protection Agency). 2006. "Mississippi River Basin & Gulf of Mexico Hypoxia Upper Mississippi: Background on Upper Mississippi River Basin." Available URL www.epa.gov/msbasin/subbasins/upper/index.htm (accessed October 10, 2008).

EPA (U.S. Environmental Protection Agency). 2007. *Hazardous Waste Generators Regulations*. May. Available URL: <http://www.epa.gov/osw/hazard/downloads/tool.pdf> (accessed October 14, 2008). ADAMS No. ML082880301.

EPA (U.S. Environmental Protection Agency). 2008. "Office of Solid Waste." Available URL: <http://www.epa.gov/osw/> Accessed August, 2008.

ESA (*Endangered Species Act*). 16 U.S.C. 1531, et seq.

ESWQD (Environmental Services Water Quality Department). 2005. Prairie Island Nuclear Generating Plant Environmental Monitoring and Ecological Studies Program. Annual Report.

FWS (U.S. Fish and Wildlife Service). 2000a. Biological Opinion for the Operation and Maintenance of the 9-Food Navigation Channel on the Upper Mississippi River System. U.S. Fish and Wildlife Service, Division of Endangered Species, Fort Snelling, Minnesota. Available URL: <http://www.fws.gov/midwest/endangered/section7/umrbofinal.pdf> (accessed September 25, 2008).

FWS (U.S. Fish and Wildlife Service). 2000b. "Threatened and Endangered Species: Prairie Bush Clover (*Lespedeza leptostachya*)." Available URL: <http://www.fws.gov/midwest/endangered/plants/pdf/lelefctsh.pdf> (accessed July 10, 2008). ADAMS No. ML082760088.

FWS (U.S. Fish and Wildlife Service). 2002a. Status Assessment Report for the Sheepsnose, *Plethobasus cyphus*, Occurring in the Mississippi River System (U.S. Fish and Wildlife Service Regions 3, 4, 5, and 6). Ohio River Valley Ecosystem Team, Ashville, North Carolina. December. Available URL: http://www.fws.gov/midwest/mussel/documents/plethobasus_status.pdf (accessed October 15, 2008).

FWS (U.S. Fish and Wildlife Service). 2002b. Status Assessment Report for the Spectaclecase, *Cumberlandia monodonta*, Occurring in the Mississippi River System (U.S. Fish and Wildlife Service Regions 3, 4, 5, and 6). Ohio River Valley Ecosystem Team, Ashville, North Carolina. December. Available URL:

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

http://www.fws.gov/midwest/mussel/documents/cumberlandia_status.pdf (accessed December 3, 2008).

FWS (U.S. Fish and Wildlife Service). 2004a. Higgins Eye Pearlymussel (*Lampsilis higginsii*) Recovery Plan: First Revision. Ft. Snelling, Minnesota. 126 pp. Available URL: http://ecos.fws.gov/docs/recovery_plans/2004/040714.pdf (accessed August 27, 2008).

FWS (U.S. Fish and Wildlife Service). 2004b. "Winged mapleleaf." Available URL: <http://www.fws.gov/Midwest/endangered/clams/pdf/wmapleleaf.pdf> (accessed December 3, 2008). ADAMS No. ML083380487.

FWS (U.S. Fish and Wildlife Service). 2008a. "County Distribution of Minnesota's Federally Threatened, Endangered, and Candidate Species." Available URL: <http://www.fws.gov/midwest/endangered/lists/mn08cty.pdf> (accessed July 9, 2008). ADAMS No. ML082760093.

FWS (U.S. Fish and Wildlife Service). 2008b. Letter from D. Sullins, Field Supervisor, U.S. Fish and Wildlife Service, to R. Franovich, Branch Chief. Subject: Request for list of Federally protected species within the area under evaluation for the Prairie Island Nuclear Generating Plant, Units 1 and 2, license renewal application review. August 13, 2008. ADAMS No. ML082470303.

FWS (U.S. Fish and Wildlife Service). 2008c. "Minnesota Dwarf Trout Lily (*Erythronium propullans*) Fact Sheet." Available URL: <http://www.fws.gov/midwest/endangered/plants/dwarftrout.html> (accessed July 10, 2008). ADAMS No. ML082760096.

FWS (U.S. Fish and Wildlife Service). 2008d. "Wetlands Digital Data: Wetlands Mapper." Available URL: <http://wetlandsfws.er.usgs.gov/NWI/index.html> (accessed July 2, 2008). ADAMS No. ML082760098.

FWS (U.S. Fish and Wildlife Service). Undateda. "Fact Sheet: Upper Mississippi River: National Wildlife and Fish Refuge." Available URL: <http://www.fws.gov/midwest/UpperMississippiRiver/Documents/ff.pdf> (accessed July 8, 2008). ADAMS No. ML082760100.

FWS (U.S. Fish and Wildlife Service). Undated b. "Upper Mississippi River National Wildlife and Fish Refuge." Available URL: <http://www.fws.gov/refuges/profiles/index.cfm?id=32579> (accessed July 8, 2008). ADAMS No. ML082760103. MNDNR (Minnesota Department of Natural Resources). 2006a. "2005 Minnesota Bald Eagle Surveys Summary." Available URL: http://files.dnr.state.mn.us/eco/nongame/projects/eagle_report_2005.pdf (accessed September 8, 2008). ADAMS No. ML082760072.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Indian Reorganization Act. 14 U.S.C. 461, et seq.

Kelner, D.E. and M. Davis. 2002. Final Report: Mussel (*Bivalvia: Unionidae*) Survey of the Mississippi National River and Recreation Area Corridor, 2000-01. Contract report to the National Park Service Mississippi National River and Recreation Area and the Great Lakes Network Inventory and Monitoring Program. Minnesota Department of Natural Resources.

MCWG (Minnesota Climatology Working Group). 2008. "Minnesota Tornado History and Statistics." Available URL: <http://climate.umn.edu/doc/historical/tornadic.htm> (accessed December 4, 2008). ADAMS No. ML083460351.

MDH (Minnesota Department of Health). 2008a. Fish Consumption Guidelines for the General Population, Rivers. Available URL: <http://www.health.state.mn.us/divs/eh/fish/eating/genpoprivers.pdf> (accessed December 2, 2008). ADAMS No. ML083370704.

MDH (Minnesota Department of Health). 2008b. Fish Consumption Guidelines for Women Who Are or May Become Pregnant and Children Under Age 15, Rivers. Available URL: <http://www.health.state.mn.us/divs/eh/fish/eating/specpoprivers.pdf> (accessed December 2, 2008). ADAMS No. ML083370705.

MNDNR (Minnesota Department of Natural Resources). 2006a. "2005 Minnesota Bald Eagle Surveys Summary." Available URL: http://files.dnr.state.mn.us/eco/nongame/projects/eagle_report_2005.pdf (accessed September 8, 2008). ADAMS No. ML082760072.

MNDNR (Minnesota Department of Natural Resources). 2006b. *Tomorrow's Habitat for the Wild and Rare: An Action Plan for Minnesota Wildlife*, Comprehensive Wildlife Conservation Strategy – Blufflands Subsection Profile. Division of Ecological Services, Minnesota Department of Natural Resources. Available URL: <http://files.dnr.state.mn.us/assistance/nrplanning/bigpicture/cwcs/profiles/blufflands.pdf> (accessed July 1, 2008). ADAMS No. ML082760076.

MNDNR (Minnesota Department of Natural Resources). 2008a. "Bald Eagle (*Haliaeetus leucocephalus*). Available URL: <http://www.dnr.state.mn.us/birds/eagles/index.html> (accessed September 8, 2008). ADAMS No. ML082770159.

MNDNR (Minnesota Department of Natural Resources). 2008b. Letter from H. Cyr, Minnesota Department of Natural Resources, to R. Franovich, Branch Chief, Division of License Renewal. Subject: Reply to Request for Natural Heritage Information in the Vicinity of the Prairie Island Nuclear Generating Plant. August 26, 2008. ADAMS No. ML083290584.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

MNDNR (Minnesota Department of Natural Resources). 2008c. "Lost Valley Prairie SNA." Available URL: <http://www.dnr.state.mn.us/snas/sna01041/index.html> (accessed July 8, 2008). ADAMS No. ML082770153.

MNDNR (Minnesota Department of Natural Resources). 2008d. "Peregrine Falcon (*Falco peregrinus*)." Available URL: <http://www.dnr.state.mn.us/snapshots/birds/peregrinefalcon.html> (accessed July 10, 2008). ADAMS No. ML082770154.

MNDNR (Minnesota Department of Natural Resources). 2008e. "Savage Fen SNA." Available URL: <http://www.dnr.state.mn.us/snas/sna00999/index.html> (accessed July 8, 2008). ADAMS No. ML082770155.

MNDNR (Minnesota Department of Natural Resources). 2008f. "Trumpeter Swan Life History." Available URL: <http://www.dnr.state.mn.us/eco/nongame/projects/trumpeterswan/lifehistory.html> (accessed September 8, 2008). ADAMS No. ML082770156.

MNDNR (Minnesota Department of Natural Resources). 2008g. "Trumpeter Swan Restoration Project." Available URL: <http://www.dnr.state.mn.us/eco/nongame/projects/trumpeterswan/index.html> (accessed September 5, 2008). ADAMS No. ML082770157.

MNDNR (Minnesota Department of Natural Resources). 2008h. "WMA Detail Report: Gores Pool #3 WMA." Available URL: http://www.dnr.state.mn.us/wmas/detail_report.html?map=COMPASS_MAPFILE&mode=itemquery&qlayer=bdry_adwma2py3_query&qitem=uniqueid&qstring=WMA0000700 (accessed July 8, 2008). ADAMS No. ML082770158.

MNDNR (Minnesota Department of Natural Resources). 2008i. "Zebra Mussel Fact Sheet." Available URL: <http://www.dnr.state.mn.us/invasives/aquaticanimals/zebramussel/index.html> (accessed September 12, 2008). ADAMS No. ML083380491.

MPCA (Minnesota Pollution Control Agency). 2000. "Upper Mississippi River Basin Information Document." Available URL: <http://www.pca.state.mn.us/water/basins/uppermiss/bid-uppermiss.pdf> (accessed October 10, 2008). ADAMS No. ML083380233.

MPCA (Minnesota Pollution Control Agency). 2006. National Pollution Discharge Elimination System, Permit MN0004006, Prairie Island Nuclear Generating Plant. June.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

MPCA (Minnesota Pollution Control Agency). 2008k. "Upper Mississippi River Basin." Available URL: <http://www.pca.state.mn.us/water/basins/uppermiss/index.html> (accessed October 10, 2008). ADAMS No. ML083380243.

MRBDC (Minnesota River Basin Data Center). 2000. "State of the Minnesota River: Summary of Surface Water Quality Monitoring." Available URL: <http://mrfdc.mnsu.edu/reports/basin/statemr00.html> (accessed November 15, 2008). ADAMS No. ML083380246.

MRCC (Midwestern Regional Climate Center). 2001. "Historical Climate Data; Temperature Summary: Station 216822 Red Wing Dam 3, MN." Available URL: http://mrcc.isws.illinois.edu/climate_midwest/historical/temp/mn/216822_tsum.html (accessed December 4, 2008). ADAMS No. ML083460353.

Mussel Coordination Team. 2005. Status of Implantation of Higgins Eye Pearlymussel (*Lampsilis higginsii*) Reasonable and Prudent Alternatives and Reasonable and Prudent Measures and Winged Mapleleaf (*Quadrula fragosa*) Reasonable and Prudent Measures. November 2005. Available URL: http://www.fws.gov/midwest/mussel/documents/status_higgins_eye_winged_mapleleaf_2005.pdf (accessed August 29, 2008)

NCDC (National Climatic Data Center). 1998. "Climatic Wind Data for the United States." Available URL: <http://www5.ncdc.noaa.gov/documentlibrary/pdf/wind1996.pdf> (accessed December 4, 2008). ADAMS No. ML083460357.

NCDC (National Climatic Data Center). 2000. "Climatology of the United States No. 20, 1971-2000, Station: Red Wing Dam 3, MN." Available URL: <http://cdo.ncdc.noaa.gov/climatenormals/clim20/mn/216822.pdf> (accessed December 4, 2008). ADAMS No. ML083460359.

NCDC (National Climatic Data Center). 2005. "Normals, Means, and Extremes: Minneapolis, MN (MSP)." Available URL: http://climate.umn.edu/pdf/normals_means_and_extremes/2005_Annual_LCD_MSP_page_3.pdf (accessed December 4, 2008). ADAMS No. ML083460365.

NCDC (National Climatic Data Center). 2006. "Climate of Minnesota." Available URL: http://www5.ncdc.noaa.gov/climatenormals/clim60/states/Clim_MN_01.pdf (accessed December 4, 2008). ADAMS No. ML083460368.

NEPA (*National Environmental Policy Act of 1969*). 42 U.S.C. 4321, et seq.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

NMC (Nuclear Management Company, LLC). 2001q. Prairie Island Nuclear Generating Plant, Units 1 and 2, "2000 – DNR Annual Report of Water Use." ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2002. Prairie Island Nuclear Generating Plant, Units 1 and 2, "2001 – DNR Annual Report of Water Use." ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2003. Prairie Island Nuclear Generating Plant, Units 1 and 2, "2002 – DNR Annual Report of Water Use." ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2004q. Prairie Island Nuclear Generating Plant, Units 1 and 2, "2003 – DNR Annual Report of Water Use." ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2004a. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 01, 2003 – December 31, 2003." Goodhue County, Minnesota. ADAMS No. ML041420504.

NMC (Nuclear Management Company, LLC). 2004b. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 3, "Effluent and Waste Disposal Annual Report. Solid Waste and Irradiated Fuel Shipments. January 01, 2003 – December 31, 2003." Goodhue County, Minnesota. ADAMS No. ML041420504.

NMC (Nuclear Management Company, LLC). 2005q. Prairie Island Nuclear Generating Plant, Units 1 and 2, "2004 – DNR Annual Report of Water Use." ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2005a. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 01, 2004 – December 31, 2004." Goodhue County, Minnesota. ADAMS No. ML051360426.

NMC (Nuclear Management Company, LLC). 2005b. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 3, "Effluent and

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Waste Disposal Annual Report. Solid Waste and Irradiated Fuel Shipments. January 01, 2005 – December 31, 2005.” Goodhue County, Minnesota. ADAMS No. ML051360426.

NMC (Nuclear Management Company, LLC). 2006a. E-mail from B. Bergland, Nuclear Management Company, LLC, to E. McRee, Tetra Tech NUS, Inc. Subject: Additional Water Data for 2005 for Unpermitted Well. August 24, 2006. ADAMS Nos. 083120233, 083120227.

NMC (Nuclear Management Company, LLC). 2006z. Prairie Island Nuclear Generating Plant Operations Manual, Section D14.6, “Storm Water Pollution Prevention Plan.” March 2006. ADAMS No. ML028806950.

NMC (Nuclear Management Company, LLC). 2006s. Prairie Island Nuclear Generating Plant Radiation Environmental Monitoring Program Annual Report to the U.S. Nuclear Regulatory Commission. Environmental Inc., Midwest Laboratory. December 31, 2006. ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2006q. Prairie Island Nuclear Generating Plant, Units 1 and 2, “2005 – DNR Annual Report of Water Use.” ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2006b. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, “Annual Radioactive Effluent Report. Supplemental information. January 01, 2005 – December 31, 2005.” Goodhue County, Minnesota. ADAMS No. ML061370092.

NMC (Nuclear Management Company, LLC). 2006c. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 3, “Effluent and Waste Disposal Annual Report. Solid Waste and Irradiated Fuel Shipments. January 01, 2005 – December 31, 2005.” Goodhue County, Minnesota. ADAMS No. ML061370092.

NMC (Nuclear Management Company, LLC). 2007a. E-mail from B. Giese to R. Jones-Loss. Subject: License Renewal Environmental Review – Peer Review. October 11, 2007. ADAMS Nos. 083120233, 083120227.

NMC (Nuclear Management Company, LLC). 2007b. Offsite Dose Calculation Manual (ODCM) Changes, Enclosure 5, Revision 21, Prairie Island Nuclear Generating Plant - Units 1 and 2, Docket No. 50-282 and 50-306, Goodhue County, Minnesota. ADAMS No. ML081370318.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

NMC (Nuclear Management Company, LLC). 2007q. Prairie Island Nuclear Generating Plant, Units 1 and 2, "2006 – DNR Annual Report of Water Use." ADAMS No. ML083120233.

NMC (Nuclear Management Company, LLC). 2007c. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 01, 2006 – December 31, 2006." Goodhue County, Minnesota. ADAMS No. ML071370287.

NMC (Nuclear Management Company, LLC). 2007d. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 3, "Effluent and Waste Disposal Annual Report. Solid Waste and Irradiated Fuel Shipments. January 01, 2006 – December 31, 2006." Goodhue County, Minnesota. ADAMS No. ML071370287.

NMC (Nuclear Management Company, LLC). 2008. Prairie Island Nuclear Generating Plant, Units 1 and 2, License Renewal Application, Appendix E – Applicant's Environmental Report, License Renewal Operating Stage. Redwing, Minnesota. April 2008. ADAMS Nos. ML081130677, ML081130681, and ML081130684.

NMC (Nuclear Management Company, LLC). 2008a. E-mail from G. Malinowski, Nuclear Management Company, LLC, to B. Bergland Nuclear Management Company, LLC, Subject: Statement re: Groundwater Monitoring Program. September 8, 2008. ADAMS Nos. 083120233, 083120227.

NMC (Nuclear Management Company, LLC). 2008b. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. 2007 Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 01, 2007 – December 31, 2007." Goodhue County, Minnesota. ADAMS No. ML081370317.

NMC (Nuclear Management Company, LLC). 2008c. Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 3, "Effluent and Waste Disposal Annual Report. Solid Waste and Irradiated Fuel Shipments. January 01, 2007 – December 31, 2007." Goodhue County, Minnesota. ADAMS No. ML081370317.

NPS (National Park Service). 2006a. "Mississippi National River and Recreation Area: Animals." Available URL: <http://www.nps.gov/miss/naturescience/animals.htm> (accessed July 8, 2008). ADAMS No. ML082760079.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

NPS (National Park Service). 2006b. "Mississippi National River and Recreation Area: Natural Features and Ecosystems." Available URL: <http://www.nps.gov/miss/naturescience/naturalfeaturesandecosystems.htm> (accessed July 8, 2008). ADAMS No. ML082760080.

NPS (National Park Service). 2006c. "Mississippi National River and Recreation Area: Plants." Available URL: <http://www.nps.gov/miss/naturescience/plants.htm> (accessed July 8, 2008). ADAMS No. ML082760081.

NPS (National Parks Service). 2008a. Mississippi River facts. Available URL: <http://www.nps.gov/miss/riverfacts.htm> (accessed October 9, 2008).

NPS (National Park Service). 2008b. Annual Report: Quantitative Assessment of Zebra Mussels Associated With Native Mussel Beds in the Lower St. Croix River – 2007. Prepared for U.S. Army Corps of Engineers, St. Paul District. March. Available URL: <http://www.nps.gov/sacn/naturescience/upload/2007%20Final%20St.%20Croix%20River%20Zebra%20Mussel%20Density%20Report.doc> (accessed October 9, 2008).

NRC (U.S. Nuclear Regulatory Commission). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*. NUREG-1437, Volumes 1 and 2, Washington, D.C. ADAMS No. ML061770605.

NRC (U.S. Nuclear Regulatory Commission). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Main Report*, "Section 6.3 – Transportation, Table 9.1, Summary of findings on NEPA issues for license renewal of nuclear power plants, Final Report." NUREG-1437, Volume 1, Addendum 1, Washington, D.C.

NWS (National Weather Service). 2005. "Tornado Statistics: Goodhue County, MN." Available URL: <http://www.crh.noaa.gov/mpx/TornadoStats/GoodhueMN.php> (accessed December 4, 2008). ADAMS No. ML083460371.

NWS (National Weather Service). 2008a. "Alberta Clipper." Available URL: <http://www.crh.noaa.gov/glossary.php?word=Alberta%20clipper> (accessed December 4, 2008). ADAMS No. ML083460373.

NWS (National Weather Service). 2008b. "Panhandle Hook." Available URL: <http://www.crh.noaa.gov/glossary.php?word=panhandle+hook> (accessed December 4, 2008). ADAMS No. ML083460377.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

PCA (Plant Conservation Alliance). 2006. "Purple Loosestrife." Available URL: <http://www.nps.gov/plants/ALIEN/fact/lysa1.htm> (accessed September 5, 2008). ADAMS No. ML082760084.

Philips G.L., W.D. Schmid, and J.C. Underhill. 1982. *Fishes of the Minnesota Region*. Minneapolis: University of Minnesota Press.

RCRA (Resource Conservation and Recovery Act). 40 CFR Part 239, et seq.

Ruhl, J.F. 2002. *Simulation of Ground-Water Flow and Delineation of Areas Contributing Recharge within the Mt. Simon-Hinckley Aquifer to Well Fields in the Prairie Island Indian Community, Minnesota*: Water-Resources Investigation Report 02-4155. U.S. Geological Survey. Available URL: <http://pubs.usgs.gov/wri/wri024155/pdf/wri02-4155.book.pdf> (accessed December 4, 2008).

Sather, N. 1990a. "Minnesota Dwarf Trout Lily: An Endangered Minnesota Wildflower." Minnesota Department of Natural Resources. Available URL: http://files.dnr.state.mn.us/natural_resources/ets/dwarf_trout_lily.pdf (accessed July 10, 2008). ADAMS No. ML082760086.

Sather, N. 1990b. "Prairie Bush Clover: A Threatened Midwestern Prairie Plant." Minnesota Department of Natural Resources. Available URL: http://files.dnr.state.mn.us/natural_resources/ets/prairie_bush_clover.pdf (accessed July 10, 2008). ADAMS No. ML082760087.

Schmidt, K.P. 2004. "Paddlefish (*Polyodon spathula*) survey results in the Mississippi River from St. Paul to Red Wing." Minnesota Department of Natural Resources, Division of Ecological Services. Available URL: <http://www.dnr.state.mn.us/invasives/aquaticanimals/zebramussel/index.html> (accessed December 2, 2008).

Schmidt, K.P. Undated. "The distribution and status of paddlefish (*Polyodon spathula*) in Minnesota." The Native Fish Conservancy. Available URL: <http://www.nativefish.org/articles/PallidfishDistrobution.php> (accessed October 21, 2008). Schmidt. ADAMS No. ML083380495.

Stone and Webster (Stone and Webster Engineering Corp.). 1983. *Modify Circulating Water Intake and Discharge: System Description and Design Criteria*. Prepared for Northern States Power Co. Denver. April 1, 1983. ADAMS No. ML0831202223.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Strahler, A. N. *Elements of Physical Geography*. New York: John Wiley & Sons, Inc., 1984.

TtNUS (Tetra Tech NUS, Inc.). 2006. *Calculation Package Water Use, 2000 through 2005*. August. ADAMS No. ML083120233.

Tucker, J.K., C.H. Theiling, K.D. Blodgett, and P.A. Thiel. 1993 . Initial occurrences of zebra mussels (*Dreissena polymorpha*) on freshwater mussels (Family Unionidae) in the Upper Mississippi River System. *Journal of Freshwater Ecology* 8:245-251. Available URL: <http://www.sgnis.org/publicat/papers/tucker7.pdf> (accessed September 12, 2008).

Tucker, J.K., F.A. Cronin, D.W. Soergel, and C.H. Theil. 1996. Predation on zebra mussels (*Dreissena polymorpha*) by common carp (*Cyprinus carpio*). *J. Freshwater Ecol.* 11:363-372. Available URL: <http://www.sgnis.org/publicat/papers/tucker3.pdf> (accessed October 9, 2008).

UMRBA (Upper Mississippi River Basin Association). Undated. River Basin and Facts. Available URL: <http://www.umarba.org/facts.htm> (accessed October 9, 2008).

USACE (US Army Corps of Engineers). 2002. Final July 2002 Definite Project Report and Environmental Assessment for Relocation Plan for the Endangered Higgins' Eye Pearlymussel (*Lampsilis higginsii*), Upper Mississippi River and Tributaries, Minnesota, Wisconsin, Iowa, and Illinois. In cooperation with the Mussel Coordination Team. July. Available URL: http://www.fws.gov/Midwest/mussel/documents/dpr_relocation_plan_final_july_2002.pdf (accessed August 27, 2008).

USACE (U.S. Army Corps of Engineers). 2004. Mississippi Locks and Dams. Available URL: <http://www.mvp.usace.army.mil/navigation/default.asp?pageid=145> (accessed October 9, 2008). ADAMS No. ML083380503.

USCB (U.S. Census Bureau). 2008. Surveys of Goodhue County and Dakota County, Minnesota, and Pierce County, Wisconsin. Housing data for 2000 and 2006. Available URL: <http://factfinder.census.gov> and <http://quickfacts.gov>

USFS (U.S. Forest Service). Undated. "Eastern Broadleaf Forest Continental Province." Available URL: <http://www.fs.fed.us/colorimagemap/images/222.html> (accessed July 2, 2008). ADAMS No. ML082760106.

USGS (U.S. Geological Survey). 2006. *Water Resources Data, Minnesota, Water Year 2005*: Water Data Report MN-05-051. April 5, 2006. ADAMS No. ML028806950

USGS (U.S. Geologic Service). 2008. Nonindigenous Aquatic Species Fact Sheet – *Dreissena polymorpha*). Available URL: <http://nas.er.usgs.gov/queries/FactSheet.asp?speciesID=5> (accessed September 10, 2008). ADAMS No. ML083380519.

WDNR (Wisconsin Department of Natural Resources). 2004. Zebra Mussels (*Dreissena polymorpha*). Available URL: <http://dnr.wi.gov/invasives/fact/zebra.htm> (accessed September 11, 2008). ADAMS No. ML083380525.

Winterstein, T.A. 2001. *Hydraulic Properties of Mt. Simon Aquifer, Prairie Island Indian Community, Southeastern Minnesota*: Water-Resources Investigation Report 02-4263. U.S. Geological Survey. Available URL: <http://pubs.usgs.gov/wri/wri024263/pdf/wri024263.pdf> (accessed December 4, 2008).

Xcel Energy Environmental Services. 2006. Xcel Energy Prairie Island Nuclear Generating Plant: Design and Construction Technology Plan. Submitted in accordance with the NPDES final regulations to establish requirements for cooling water intake structures at Phase II existing facilities. NPDES Permit #MN0004005. October 23, 2006.

References Related to Environmental Impacts of Refurbishment

10 CFR 51. *Code of Federal Regulations*, Title 10, *Energy*, Part 51, “Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions.”

40 CFR 51.850. *Code of Federal Regulations*, Title 40, *Protection of Environment*, Part 51, “Requirements for Preparation, Adoption, and Submittal of Implementation Plans.”

58 FR 63214. U.S. Environmental Protection Agency. Final General Conformity Regulations. November 30, 1993.

AREVA. 2006. “Press Release: AREVA Wins Contract for Two Replacement Steam Generators at Prairie Island Nuclear Generating Plant.” Available URL: <http://www.aveva-np.com/scripts/press/publigen/content/templates/show.asp?P=795&L=US> (accessed November 25, 2008). ADAMS No. ML083310148.

NMC (Nuclear Management Company, LLC). 2008. Prairie Island Nuclear Generating Plant, Units 1 and 2, License Renewal Application, Appendix E – Applicant’s Environmental Report, License Renewal Operating Stage. Redwing, Minnesota. April 2008. ADAMS Nos. ML081130677, ML081130681, and ML081130684.

NRC (U.S. Nuclear Regulatory Commission). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*. NUREG-1437, Volumes 1 and 2, Washington, D.C. ADAMS No. ML061770605.

NRC (U.S. Nuclear Regulatory Commission). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Main Report*, "Section 6.3- Transportation, table 9.1, Summary of Findings on NEPA Issues for License Renewal of Nuclear Power Plants, Final Report." NUREG-1437, Volume 1, Addendum 1, Washington, D.C.

References Related to Environmental Impacts of Operation

10 CFR 20. *Code of Federal Regulations*, Title 10, *Energy*, Part 20, "Standards for Protection Against Radiation."

10 CFR 50. *Code of Federal Regulations*, Title 10, *Energy*, Part 50, "Domestic Licensing of Production and Utilization Facilities."

10 CFR 51. *Code of Federal Regulations*, Title 10, *Energy*, Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions."

33 USC 1326 (Title 33, Section 1326 of the *United States Code*). Thermal Discharges.

36 CFR 800. *Code of Federal Regulations*. Title 36, *Parks, Forests, and Public Property*, Part 800, "Protection of Historic Properties."

40 CFR 190. *Code of Federal Regulations*. Title 40, *Protection of the Environment*, Part 190, "Environmental Radiation Protection Standards for Nuclear Power Operations."

59 FR 7629. Executive Order 12898. Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations. February 16, 1994.

69 FR 52040. U.S. Nuclear Regulatory Commission. Treatment of Environmental Justice Matters in NRC Regulatory and Licensing Actions. August 24, 2004.

69 FR 41575. U.S. Environmental Protection Agency. National Pollutant Discharge Elimination System – Final Regulations to Establish Requirements for Cooling Water Intake Structures at Phase II Existing Facilities: Final Rule. July 9, 2004.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

72 FR 37109. U.S. Environmental Protection Agency. National Pollutant Discharge Elimination System – Suspension of Regulations to Establish Requirements for Cooling Water Intake Structures at Phase II Existing Facilities: Final Rule. July 09, 2007.

AEC (Atomic Energy Commission). 1973. Final Environmental Statement Related to the Operation of Prairie Island Nuclear Generating Plant. Washington, D.C. ADAMS No. ML081840311.

CDC (Centers for Disease Control and Prevention). 2007. “Legionellosis: Legionnaires Disease and Pontiac Fever.” Available URL: http://www.cdc.gov/ncidod/dbmd/diseaseinfo/legionellosis_g.htm (accessed on March 27, 2008). ADAMS No. ML080230326.

CEQ (Council on Environmental Quality). 1997. *Environmental Justice: Guidance Under the National Environmental Policy Act*. Executive Office of the President. Washington, D.C. December 10, 1997. Available URL: http://www.epa.gov/compliance/resources/ej/eh_guidance_nepa_ceq1297.pdf (accessed December 8, 2008). ADAMS No. ML082520150.

Bald and Golden Eagles Protection Act of 1978, as amended. 16 USC 668a-d.

Beaulaurier, D. L. 1981. *Mitigation of Bird Collisions with Transmission Lines*. Bonneville Power Administration, U.S. Department of Energy. Portland, Oregon. 83 pp.

Cowdery, Timothy K. 1999. *Water Resources of the Prairie Island Indian Reservation, Minnesota, 1994-1997*: Water-Resources Investigation Report 99-4069. U.S. Geological Survey. 1999. Available URL: <http://mn.water.usgs.gov/pubs/99-4069.pdf> (accessed October 10, 2008).

EPA (U.S. Environmental Protection Agency). 2006. “Mississippi River Basin & Gulf of Mexico Hypoxia Upper Mississippi, Background on Upper Mississippi River Basin.” Available URL: <http://www.epa.gov/msbasin/subbasins/upper/index.htm> (accessed on October 10, 2008). ADAMS No. ML083120233.

FWS (U.S. Fish and Wildlife Service). 2004. Higgins Eye Pearlymussel (*Lampsilis higginsii*) Recovery Plan: First Revision. Ft. Snelling, Minnesota. 126 pp. Available URL: http://ecos.fws.gov/docs/recovery_plans/2004/040714.pdf (accessed August 27, 2008).

FWS (U.S. Fish and Wildlife Service). 2008. Letter from T. Sullins, U.S. Fish and Wildlife Service, Twin Cities Ecological Services Office, to R. Franovich, Branch Chief, Division of License Renewal. Subject: Request for List of Federally Protected Species Within the

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Area Under Evaluation for the Prairie Island Nuclear Generating Plant, Units 1 and 2,
License Renewal Application Review. August 13, 2008. ADAMS No. ML082470303.

Lake, R., A. Hudson, and P. Cressey. 2002. *Risk Profile: Salmonella (Non Typhoid) in Poultry (Whole and Pieces)*. Christchurch, New Zealand. Available URL:
<http://www.nzfsa.govt.nz/science/risk-profiles/salmonella-in-poultry-meat.pdf> (accessed on December 8, 2008). ADAMS No. ML080880142.

Goddard, S.V. 1977. "Prairie Island Nuclear Generating Plant Environmental Monitoring Program 1976 Annual Report, Ecological Studies, Special Studies: Number and Composition of Bird Killed by Striking Transmission Lines from the Prairie Island Nuclear Generating Plant." Prepared for Northern States Power Company. ADAMS No. ML08312228.

Goddard, S.V. 1978. "Prairie Island Nuclear Generating Plant Environmental Monitoring Program 1977 Annual Report, Ecological Studies, Special Studies: Number and Composition of Bird Killed by Striking Transmission Lines from the Prairie Island Nuclear Generating Plant." Prepared for Northern States Power Company. ADAMS No. ML08312228.

Goddard, S.V. 1979. "Prairie Island Nuclear Generating Plant Environmental Monitoring Program 1978 Annual Report, Ecological Studies, Special Studies: Number and Composition of Bird Killed by Striking Transmission Lines from the Prairie Island Nuclear Generating Plant." Prepared for Northern States Power Company. ADAMS No. ML08312228.

HDR (Henningson, Durham, and Richardson, Inc.). 1978. Section 316(a) Demonstration for the Prairie Island Generating Plant on the Mississippi River near Red Wing, Minnesota. Prepared for Northern States Power Company, Minneapolis. August. ADAMS No. ML0831202223.

IEEE (Institute of Electrical and Electronics Safety Code) 2007. *National Electric Safety Code 2007 Edition*.

Janss, G. F. E. and M. Ferrer. 1998. *Rate of Bird Collision with Power Lines: Effects of Conductor-marking and Static Wire-marking*. Journal of Field Ornithology. 69(1):8-17.

Joklik, W. K, and H. P. Willet. 1976. *Zinsser Microbiology*, 16th ed. New York: Appleton-Century-Crofts.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

MDH (Minnesota Department of Health). 2006. *2006 Environmental Radiation Data Report*. Available URL:
<http://www.health.state.mn.us/divs/eh/radiation/monitor/annual2006.pdf> (accessed December 8, 2008).

MDH (Minnesota Department of Health). 2008. "Reports for the Prairie Island Independent Spent Fuel Storage Installation." Available URL:
<http://www.health.state.mn.us/divs/eh/radiation/monitor/pi/index.html> (accessed December 8, 2008).

MNDNR (Minnesota Department of Natural Resources). 2008. Letter from H. Cyr, Minnesota Department of Natural Resources, to R. Franovich, Branch Chief, Division of License Renewal. Subject: Reply to Request for Natural Heritage Information in the Vicinity of the Prairie Island Nuclear Generating Plant. August 26, 2008. ADAMS No. ML083290584.

MPCA (Minnesota Pollution Control Agency). 1981. National Pollutant Discharge Elimination System, Permit MN0004006, Prairie Island Nuclear Generating Plant.

MPCA (Minnesota Pollution Control Agency). 2000. "Upper Mississippi River Basin Information Document." Available URL:
<http://www.pca.state.mn.us/water/basins/uppermiss/bid-uppermiss.pdf> (accessed October 10, 2008). ADAMS No. ML083380233.

MPCA (Minnesota Pollution Control Agency). 2006. National Pollutant Discharge Elimination System, Permit MN0004006, Prairie Island Nuclear Generating Plant. June.

MPCA (Minnesota Pollution Control Agency). 2008. "Upper Mississippi River Basin." Available URL: <http://www.pca.state.mn.us/water/basins/uppermiss/index.html> (accessed October 10, 2008). ADAMS No. ML083380243.

MRBDC (Minnesota River Basin Data Center). 2000. "State of the Minnesota River: Summary of Surface Water Quality Monitoring, 2000." Available URL:
<http://mrfdc.mnsu.edu/reports/basin/statemr00.html> (accessed November 15, 2008). ADAMS No. ML083380246.

Migratory Bird Treaty Act of 1998, as amended. 16 USC 703-712.

Mussel Coordination Team. 2005. Status of Implantation of Higgins Eye Pearlymussel (*Lampsilis higginsii*) Reasonable and Prudent Alternatives and Reasonable and Prudent Measures and Winged Mapleleaf (*Quadrula fragosa*) Reasonable and Prudent

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Measures. November 2005. Available URL:
http://www.fws.gov/Midwest/mussel/documents/status_higgins_eye_winged_mapleleaf_2005.pdf (accessed December 12, 2008).

NMC (Nuclear Management Company, LLC). 2004a. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 1 through December 31, 2003."* Goodhue County, Minnesota. ADAMS No. ML041420504.

NMC (Nuclear Management Company, LLC). 2004b. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radiological Environmental Monitoring Program Report. January 1 through December 31, 2003.* Goodhue County, Minnesota. ADAMS No. ML041410077.

NMC (Nuclear Management Company, LLC). 2005a. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 1 through December 31, 2004."* Goodhue County, Minnesota. ADAMS No. ML051360426.

NMC (Nuclear Management Company, LLC). 2005b. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radiological Environmental Monitoring Program Report. January 1 through December 31, 2004.* Goodhue County, Minnesota. ADAMS No. ML061280040.

NMC (Nuclear Management Company, LLC). 2006a. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 1 through December 31, 2005."* Goodhue County, Minnesota. ADAMS No. ML061370092.

NMC (Nuclear Management Company, LLC). 2006b. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radiological Environmental Monitoring Program Report. January 1 through December 31, 2005.* Goodhue County, Minnesota. ADAMS No. ML061280040.

NMC (Nuclear Management Company, LLC). 2007a. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60. Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 1 through December 31, 2006."* Goodhue County, Minnesota. ADAMS No. ML071370287.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

NMC (Nuclear Management Company, LLC). 2007b. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radiological Environmental Monitoring Program Report. January 1 through December 31, 2007.* Goodhue County, Minnesota. ADAMS No. ML071350517.

NMC (Nuclear Management Company, LLC). 2007c. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radiological Environmental Monitoring Program Report. January 1 through December 31, 2006.* Appendix E, "Special Well and Surface Water Samples." Goodhue County, Minnesota. ADAMS No. ML071350517.

NMC (Nuclear Management Company, LLC). 2008. *Prairie Island Nuclear Generating Plant, Units 1 and 2, License Renewal Application, Appendix E – Applicant's Environmental Report, License Renewal Operating Stage.* Redwing, Minnesota. April 2008. ADAMS Nos. ML081130677, ML081130681, and ML081130684.

NMC (Nuclear Management Company, LLC). 2008a. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. 2007 Annual Radioactive Effluent Release Report and Offsite Dose Calculation Manual, Enclosure 2, "Annual Radioactive Effluent Report. Supplemental information. January 1 through December 31, 2007."* Goodhue County, Minnesota. ADAMS No. ML081370317.

NMC (Nuclear Management Company, LLC). 2008b. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radiological Environmental Monitoring Program Report. January 1 through December 31, 2007.* Goodhue County, Minnesota. ADAMS No. ML081370083.

NMC (Nuclear Management Company, LLC). 2008c. *Prairie Island Nuclear Generating Plant - Units 1 and 2, Operating License No.DPR-42, DPR-60 and SNM-2506. Annual Radiological Environmental Monitoring Program Report. January 1 through December 31, 2007.* Appendix E, "Special Well and Surface Water Samples." Goodhue County, Minnesota. ADAMS No. ML081370083.

NRC (U.S. Nuclear Regulatory Commission). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants.* NUREG-1437, Volumes 1 and 2, Washington, D.C. ADAMS No. ML061770605.

NRC (U.S. Nuclear Regulatory Commission). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Main Report,* "Section 6.3 – Transportation, Table 9.1, Summary of findings on NEPA issues for license renewal of nuclear power plants, Final Report." NUREG-1437, Volume 1, Addendum 1, Washington, D.C.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

NRC (U.S. Nuclear Regulatory Commission). 2000. *Standard Review Plan for Environmental Reviews for Nuclear Power Plants, Supplement 1: Operating License Renewal*. NUREG-1555, Supplement 1, Washington, D.C.

NRC (U.S. Nuclear Regulatory Commission). 2008a. Letter from U.S. Nuclear Regulatory Commission to L. Joyal, Minnesota Department of Natural Resources, Natural Heritage and Nongame Research Program. Subject: Request for List of State-Protected Species Within the Area Under Evaluation for the Prairie Island Nuclear Generation Plant, Units 1 and 2, License Renewal Application Review. July 22, 2008. Accessible at ML081890395.

NRC (U.S. Nuclear Regulatory Commission). 2008b. Letter from U.S. Nuclear Regulatory Commission to T. Sullins, U.S. Fish and Wildlife, Twin Cities Ecological Services Office. Subject: Request for List of Federally Protected Species Within the Area Under Evaluation for the Prairie Island Nuclear Generation Plant, Units 1 and 2, License Renewal Application Review. July 22, 2008. Accessible at ML081850485.

NSP (Northern States Power Company). 1985. Prairie Island Nuclear Generating Plant Environmental Monitoring Program 1985 Annual Report. Northern States Power Company, Minneapolis, MN. ADAMS No. ML083390825.

NUS Corporation. 1976. Section 316(b) Demonstration for the Prairie Island Generating Plant on the Mississippi River near Read Wing, Minnesota. December. ADAMS No. ML0831202223.

Stark, J.R., Hanson, P.E., Goldstein, R.M., Fallon, J.D., Fong, K.E., Lee, A.L., Kroening, S.E., and Andrews, W.J. 2000. *Water Quality in the Upper Mississippi River Basin, Minnesota, Wisconsin, South Dakota, Iowa, and North Dakota, 1995–98*. US Geological Survey Circular 1211. Available URL: <http://pubs.water.usgs.gov/circ1211/> (accessed October 16, 2008).

Stone and Webster (Stone and Webster Engineering Corp.). 1983. Modify Circulating Water Intake and Discharge: System Description and Design Criteria. Prepared for Northern States Power Co. Denver. April 1, 1983. ADAMS No. ML0831202223.

Todar, K. 2007. *Todar's Online Textbook of Bacteriology*. Available URL: <http://www.textbookofbacteriology.net> (accessed December 8, 2008).

TtNUS (Tetra Tech NUS, Inc.). 2006. Calculation Package Water Use, 2000 through 2005. August. ADAMS No. ML083120233.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Tyndall, R. L., K. S. Ironside, P. L. Metler, E. L. Tan, T. C. Hazen, and C. B. Fliermans. 1989. Effect of thermal additions on the density and distribution of thermophilic amoebae and pathogenic *Naegleria fowleri* in a newly created cooling lake. *Applied Environmental Microbiology* 55:722–732.

USACE (US Army Corps of Engineers). 2002. Final July 2002 Definite Project Report and Environmental Assessment for Relocation Plan for the Endangered Higgins' Eye Pearlymussel (*Lampsilis higginsii*), Upper Mississippi River and Tributaries, Minnesota, Wisconsin, Iowa, and Illinois. In cooperation with the Mussel Coordination Team. July. Available URL: http://www.fws.gov/Midwest/mussel/documents/dpr_relocation_plan_final_july_2002.pdf (accessed August 27, 2008).

USACE (U.S. Army Corps of Engineers). 2007. Fact Sheet: Pool 3 Upper Mississippi River Water Level Management. Navigation and Ecosystem Sustainability Program (NESP). November 2007.

USDOJ (U.S. Department of Justice). 2002. "Historic Agreement Between United States and Xcel Energy to Save Raptors From Electrocution in 12 States." Available URL: http://www.usdoj.gov/opa/pr/2002/April/02_enrd_240.htm (accessed September 16, 2008). ADAMS No. ML082760112.

WDNR (Wisconsin Department of Natural Resources). 2008. Letter from T. Lovejoy, Wisconsin Department of Natural Resources, to N. Goodman, Project Manager, Division of License Renewal. Subject: Prairie Island (MN) Nuclear Generating Plant (PINGP) License Renewal – EIS Issue Scoping. September 8, 2008. ADAMS No. ML083080277.

WIDHS (Wisconsin Department of Health Services) 2008a. "Environmental Monitoring of Nuclear Power Plants for Radiological Emissions." Available URL: http://dhs.wisconsin.gov/dph_beh/EnvMonitoring/EnvironmentalMonitoringNuclear.htm (accessed December 8, 2008).

WIDHS (Wisconsin Department of Health Services). 2008b. "State of Wisconsin – 2006 Prairie Island Environmental Radioactivity Survey." Available URL: http://dhs.wisconsin.gov/dph_beh/EnvMonitoring/PrairieIsland/2007/PIIs2Survey06.htm (accessed December 8, 2008).

Xcel Energy Environmental Services. 2006. Xcel Energy Prairie Island Nuclear Generating Plant, Impingement Mortality and Entrainment Characterization Study. Submitted in Accordance with the NPDES Final Regulations to Establish Requirements for Cooling Water Intake Structures at Phase II Existing Facilities, NPDES Permit MN0004006. October 12. ADAMS No. ML0831202212.

References Related to Environmental Impacts of the Uranium Fuel Cycle and Solid Waste Management

10 CFR 51. *Code of Federal Regulations*, Title 10, *Energy*, Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions."

10 CFR 54. *Code of Federal Regulations*, Title 10, *Energy*, Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants."

NRC. (U.S. Nuclear Regulatory Commission). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*. NUREG-1437, Volumes 1 and 2, Washington, DC.

NRC. (U.S. Nuclear Regulatory Commission). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Main Report*, "Section 6.3 – Transportation, Table 9.1, Summary of Findings on NEPA Issues for License Renewal of Nuclear Power Plants, Final Report." NUREG-1437, Volume 1, Addendum 1, Washington, DC.

NMC (Nuclear Management Company, LLC). 2008. Prairie Island Nuclear Generating Plant, Units 1 and 2, License Renewal Application, Appendix E – Applicant's Environmental Report, License Renewal Operating Stage. Redwing, Minnesota. April 2008. ADAMS Nos. ML081130677, ML081130681, and ML081130684.

References Related to Environmental Impacts of Decommissioning

NRC (U.S. Nuclear Regulatory Commission). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*, NUREG-1437, Vols. 1 and 2. Washington, D.C. ADAMS No. ML061770605.

NRC (U.S. Nuclear Regulatory Commission). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Main Report*, "Section 6.3, Transportation, Table 9.1, Summary of Findings on NEPA Issues for License Renewal of Nuclear Power Plants, Final Report." NUREG-1437, Volume 1, Addendum 1. Washington, D.C.

NRC (U.S. Nuclear Regulatory Commission). 2002. *Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities: Supplement 1, Regarding the Decommissioning of Nuclear Power Reactors*. NUREG-0586, Supplement

NMC (Nuclear Management Company, LLC). 2008. Prairie Island Nuclear Generating Plant, Units 1 and 2, License Renewal Application, Appendix E – Applicant’s Environmental Report, License Renewal Operating Stage. Redwing, Minnesota. April 2008. ADAMS Nos. ML081130677, ML081130681, and ML081130684.

References Related to Environmental Impacts of Alternatives

10 CFR 51. *U.S. Code of Federal Regulations*, Title 10 “Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions,” Part 51, “Energy.”

40 CFR 51. *U.S. Code of Federal Regulations*, Title 40, Protection of Environment, Part 51, “Requirements for Preparation, Adoption, and Submittal of Implementation Plans.”

40 CFR 60. *U.S. Code of Federal Regulations*, Title 40, Protection of Environment, Part 60, “Standards of Performance for New Stationary Sources.”

42 U.S.C. §7475. *United States Code*. Title 42, “The Public Health and Welfare”; Section 7475, “Preconstruction Requirements.”

63 FR 49442. Environmental Protection Agency, Washington, D.C, “Revision of Standards of Performance for Nitrogen Oxide Emissions From New Fossil-Fuel Fired Steam Generating Units; Revisions to Reporting Requirements for Standards of Performance for New Fossil-Fuel Fired Steam Generating Units.” *Federal Register*: Vol. 63, NO. 179, pp. 49422–49455. September 16, 1998.

64 FR 35714. Environmental Protection Agency, Washington, D.C, “40 CFR Part 51, Regional Haze Regulations, Final Rule.” *Federal Register*: Vol. 64, No. 126, pp. 35714–35774. July 1, 1999.

136-S.F.No. 145. *Laws of Minnesota for 2007*. “Next Generation Energy Act of 2007.” Available URL: <https://www.revisor.leg.state.mn.us/data/revisor/law/2007/0/2007-136.pdf> (accessed January 6, 2009).

American Wind Energy Association. Undated. “Resources: Wind Energy Projects (As of 12/31/2008).” Available URL: <http://www.awea.org/projects/> (accessed February 4, 2009).

EIA (U.S. Department of Energy, Energy Information Administration). 2008a. *Annual Energy Outlook 2008 With Projections to 2030*. DOE/EIA 0383(2008). Washington, D.C.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Available URL: [http://tonto.eia.doe.gov/FTPROOT/forecasting/0383\(2008\).pdf](http://tonto.eia.doe.gov/FTPROOT/forecasting/0383(2008).pdf) (accessed January 6, 2009). ADAMS No. ML082880730.

EIA (Energy Information Administration). 2008b. *Assumptions to the Annual Energy Outlook 2008 With Projections to 2030*. DOE/EIA 0554(2008). Washington, D.C.
Available URL: [http://tonto.eia.doe.gov/FTPROOT/forecasting/0554\(2007\).pdf](http://tonto.eia.doe.gov/FTPROOT/forecasting/0554(2007).pdf) (accessed July 22, 2008). ADAMS No. ML082880730.

EIA (U.S. Department of Energy, Energy Information Administration). 2007a. "Summary Statistics for the United States." Table ES1 from *Electric Power Annual* with data for 2006. Accessed at: <http://www.eia.doe.gov/cneaf/electricity/epa/epates.html> (accessed June 11, 2008). ADAMS No. ML082880730.

EIA (U.S. Department of Energy, Energy Information Administration). 2007b. *State Energy Profiles 2006*. DOE/EIA-0348(01)/2. Washington, D.C. Available URL: http://www.eia.doe.gov/cneaf/electricity/st_profiles/sep2006.pdf (accessed January 22, 2009).

EPA (U. S. Environmental Protection Agency). 2008. "Particulate matter: Health Effects." Available URL: <http://www.epa.gov/air/particlepollution/health.html> (accessed December 12, 2008). ADAMS No. ML083470281.

GE (General Electric). 2007. "Gas Turbine and Combined Cycle Products." May 2007. Available URL: http://www.gepower.com/prod_serv/products/gas_turbines_cc/en/downloads/gasturbine_cc_products.pdf (accessed January 6, 2009). ADAMS No. ML082880731.

INEEL (Idaho National Engineering and Environmental Laboratory). 1996. "U.S. Hydropower Resource Assessment for Minnesota." DOE/ID-10430(MN). Idaho Falls, ID. (July 1996). Available URL: <http://hydropower.inl.gov/resourceassessment/pdfs/states/mn.pdf> (accessed January 22, 2009).

IWSA (Integrated Waste Services Association). 2007. "Waste-to-Energy and the Production Tax Credit." Washington, DC. Available URL: <http://www.wte.org/docs/FactSheetPTC.pdf> (accessed May 24, 2007). ADAMS No. ML083050223.

Minnesota Department of Commerce (MNDOC). 2006a. "Minnesota's Wind Resource by Capacity Factor at 80 Meters." (January 2006). Available URL: http://www.state.mn.us/mn/externalDocs/Commerce/80_Meter_Capacity_Factor_013106115407_80MeterCF.pdf (accessed February 4, 2009).

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Minnesota Department of Commerce (MNDOC). 2006b. "Minnesota's Wind Resource by Wind Speed at 80 Meters." (January 2006). Available URL: http://www.state.mn.us/mn/externalDocs/Commerce/80_Meter_Wind_Speed_013106115153_80MeterWindSpeed.pdf (accessed February 4, 2009).

NMC (Nuclear Management Company, LLC). 2008. Prairie Island Nuclear Generating Plant, Units 1 and 2, License Renewal Application, Appendix E – Applicant's Environmental Report, License Renewal Operating Stage. Redwing, Minnesota. April 2008. ADAMS Nos. ML081130677, ML081130681, and ML081130684.

NRC (U.S. Nuclear Regulatory Commission). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*. NUREG-1437, Volumes 1 and 2, Washington, D.C. ADAMS No. ML061770605.

NRC (U.S. Nuclear Regulatory Commission). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Main Report*, "Section 6.3 – Transportation, Table 9.1, Summary of findings on NEPA issues for license renewal of nuclear power plants, Final Report." NUREG-1437, Volume 1, Addendum 1, Washington, D.C.

NRC (U.S. Nuclear Regulatory Commission). 2002. *Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities: Supplement 1, Regarding the Decommissioning of Nuclear Power Reactors*. NUREG-0586, Supplement 1, Volumes 1 and 2. Washington, DC.

NREL (National Renewable Energy Laboratory). 2009. "United States Atlas of Renewable Resources." Interactive Map. Available URL: http://mapserve2.nrel.gov/website/Resource_Atlas/viewer.htm (accessed February 4, 2009).

Nucleonics Week. 2008. "US new reactors more likely online in 2016 and beyond, NEI official says." Vol. 49, No. 15. April 10, 2008.

OMB (U.S. Office of Management and Budget). 2007. ExpectMore.gov. "Detailed Information on the Low Income Home Energy Assistance Program Assessment." Available URL: <http://www.whitehouse.gov/omb/expectmore/detail/10001059.2003.html> (accessed July 10, 2007). ADAMS No. ML082880730.

ORNL (Oak Ridge National Laboratory). 2007. "Bioenergy Conversion Factors." Available URL: http://bioenergy.ornl.gov/papers/misc/energy_conv.html (accessed November 6, 2007). ADAMS No. ML083050223.

Attachment 2-- Prairie Island Nuclear Generating Plant Hearing File and Mandatory Disclosures
Hearing File Index
Initial Disclosures - February 27, 2008

Walsh, M.E., R.L. Perlack, A. Turhollow, D. de la Torre Ugarte, D.A. Becker, R.L. Graham, S.A. Slinsky, and D.E. Ray. 2000. "Biomass Feedstock Availability in the United States: 1999 State Level Analysis." Available URL: <http://bioenergy.ornl.gov/resourcedata/index.html> (accessed May 22, 2007). ADAMS No. ML083050223.

Xcel Energy. 2008. "Wind-to-Battery Project." Available URL: <http://www.xcelenergy.com/SiteCollectionDocuments/docs/wind-to-battery.pdf> (accessed February 4, 2009).