

APPENDIX A

COMMITMENTS FOR LICENSE RENEWAL OF MNGP

During the review of the Monticello Nuclear Generating Plant license renewal application, the applicant made commitments to manage the aging effects of structures and components before the period of extended operation. The following table lists these commitments, along with the implementation schedule and the source of the commitment.

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Item No.	Commitment	Implementation Schedule	Source
1	Each year, following the submittal of the MNGP License Renewal Application and at least 3 months before the scheduled completion of the NRC review, NMC will submit amendments to the MNGP application pursuant to 10 CFR 54.21(b). These revisions will identify any changes to the CLB that materially affect the contents of the LRA, including the USAR supplements and any other aspects of the application.	Annually	LRA Section 1.4
2	In accordance with the guidance of Appendix A.3.2.1.2 to NUREG-1800, Appendix B to the latest issued supplement to NUREG-0933 will be reviewed for new GSIs designated as USI-, HIGH-, or MEDIUM-priority. Any GSIs identified that involve TLAA's or aging effects for structures and components subject to an aging management review will be included in the annual update of the LRA.	Annually	LRA Section 3.0.7
3	Inspection of the steam dryer is to be accomplished using the guidelines in the approved BWRVIP topical report(s) for steam dryer inspection. In the event a new steam dryer is installed, NMC will reevaluate the inspection requirements.	As Required	LRA Table 3.1.2-3, Note 136
4	The interior of the diesel fire pump house masonry block walls is covered with insulation. The MNGP Structures Monitoring Program will require the interior surfaces of the walls to be examined if exterior wall surfaces show evidence of significant aging effects.	As Required	LRA Table 3.5.2-8, Note 516

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5	The procedures and training used to limit RPV cold overpressure events will be the same as those approved by the NRC when MNGP requested approval of the BWRVIP-05 technical alternative for the term of the current operating license. A request for extension for the 60-year extended operating period will be submitted to the NRC before the period of extended operation.	As Required	LRA Section 4.2.6
6	MNGP site-specific administrative work instructions will be applicable to both safety- and nonsafety-related systems, structures, and components that are subject to an aging management review consistent with the current licensing basis during the period of extended operation.	Prior to Period of Extended Operation	LRA Section B1.3
7	Site documents that implement aging management activities for license renewal will be enhanced to ensure that an AR is prepared in accordance with plant procedures whenever nonconforming conditions are found (i.e., the acceptance criteria is not met).	Prior to Period of Extended Operation	LRA Section B1.3
8	Revisions will be made to procedures and instructions that implement or administer aging management programs and/or activities for the purpose of managing the associated aging effects for the duration of extended operation.	Prior to Period of Extended Operation	LRA Section B1.3
9	The MNGP ASME Section XI, Subsection IWF Program will be enhanced to provide inspections of Class MC component supports consistent with NUREG-1801, Chapter III, Section B1.3.	Prior to Period of Extended Operation	LRA Section B2.1.3

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Item No.	Commitment	Implementation Schedule	Source
10	The guidance for performing visual bolting inspections contained in EPRI TR-104213, Bolted Joint Maintenance & Application Guide, and the Good Bolting Practices Handbook (EPRI NP-5067 Volumes 1 and 2) will be included in the Bus Duct Inspection Program, Inspection of Overhead Heavy Load and Light Load (Related to Refueling) Handling Systems Program, Structures Monitoring Program, and the System Condition Monitoring Program.	Prior to Period of Extended Operation	LRA Section B2.1.4
11	The Buried Piping and Tanks Inspection Program will update the implementing procedures to include inspections of buried components when they are uncovered.	Prior to Period of Extended Operation	LRA Section B2.1.5
12	The diesel fuel oil storage tank, T-44, internal inspection will be added to the list of scheduled inspections in the Buried Piping and Tanks Inspection Program.	Prior to Period of Extended Operation	LRA Section B2.1.5
13	The Buried Piping and Tanks Inspection Program will be revised to include a provision that if evaluations of pipe wall thickness show a susceptibility to corrosion, further evaluation as to the extent of susceptibility will be performed.	Prior to Period of Extended Operation	LRA Section B2.1.5
14	The Buried Piping and Tanks Inspection Program will be revised to specify a 10-year buried pipe inspection frequency.	Prior to Period of Extended Operation	LRA Section B2.1.5
15	The Buried Piping and Tanks Inspection Program will be revised to specify a 10-year inspection frequency for diesel fuel oil storage tank, T-44.	Prior to Period of Extended Operation	LRA Section B2.1.5

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16	The Buried Piping and Tanks Inspection Program will be revised to include a review of previous buried piping issues to determine possible susceptible locations.	Prior to Period of Extended Operation	LRA Section B2.1.5
17	The Bus Duct Inspection Program will be implemented consistent with the appropriate 10 elements described in Appendix A to NUREG-1800, Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants.	Prior to Period of Extended Operation	LRA Section B2.1.6
18	The BWR Feedwater Nozzle Program will be enhanced so the parameters monitored and inspected are consistent with the recommendations of GE NE-523-A71-0594-A, Revision 1.	Prior to Period of Extended Operation	LRA Section B2.1.8
19	The BWR Feedwater Nozzle Program will be enhanced so the regions being inspected, examination techniques, personnel qualifications, and inspection schedule are consistent with the recommendations of GE NE-523-A71-0594-A, Revision 1.	Prior to Period of Extended Operation	LRA Section B2.1.8
20	The BWR Feedwater Nozzle Program will be enhanced so that inspections will be scheduled in accordance with the recommendations of GE NE-523-A71-0594-A, Revision 1.	Prior to Period of Extended Operation	LRA Section B2.1.8
21	The repair/replacement guidelines in BWRVIP-16, 19, 44, 45, 50, 51, 52, 57, and 58 will be added, as applicable, to the MNGP BWR Vessel Internals Program.	Prior to Period of Extended Operation	LRA Section B2.1.12

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Item No.	Commitment	Implementation Schedule	Source
22	NMC will perform top guide grid inspections, using the EVT-1 method of examination, for the high-fluence locations (grid beam and beam-to-beam crevice slot locations with fluence exceeding 5.0×10^{20} n/cm ²). Ten percent of the total population will be inspected within 12 years, with a minimum of 5 percent inspected within the first 6 years.	During the Period of Extended Operation	LRA Section B2.1.12
23	A one-time inspection will be performed to monitor the effects of corrosion on select portions of closed-cycle cooling water systems that perform a pressure-integrity intended function.	Prior to Period of Extended Operation	LRA Section B2.1.13
24	The Compressed Air Monitoring Program procedures will be revised to include corrective action requirements, if the acceptance limits for water vapor, oil content, or particulate are not met. In addition, the acceptance criteria for oil content testing will be clarified and the basis for the acceptance limits for the water vapor, oil content, and particulate tests will be provided.	Prior to Period of Extended Operation	LRA Section B2.1.14
25	The Compressed Air Monitoring Program will be revised to include inspection of air distribution piping based on the recommendations of EPRI TR-108147.	Prior to Period of Extended Operation	LRA Section B2.1.14
26	The MNGP Electrical Cables & Connections Not Subject To 10 CFR 50.49 Environmental Qualification Requirements Program will be implemented as a new program consistent with the recommendations of GALL AMP XI.E1. The program will manage the aging of conductor insulation material on cables, connectors, and other electrical insulation materials that are installed in an adverse localized environment caused by heat, radiation, or moisture.	Prior to Period of Extended Operation	LRA Section B2.1.15

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Item No.	Commitment	Implementation Schedule	Source
27	The Electrical Cables Not Subject to 10 CFR 50.49 Environmental Qualification Requirements Used in Instrumentation Circuits Program will be implemented as a new program. With exceptions, it will be consistent with the recommendations of GALL AMP XI.E2.	Prior to Period of Extended Operation	LRA Section B2.1.16
28	The MNGP Fire Protection Program will be revised to include a visual inspection of the halon fire suppression system to detect any signs of degradation, such as corrosion and mechanical damage. This visual inspection will provide aging management for external surfaces of the halon fire suppression system.	Prior to Period of Extended Operation	LRA Section B2.1.17
29	The Fire Protection Program plan document will be revised to include qualification criteria for individuals performing visual inspections of penetration seals, fire barriers, and fire doors. The qualification criteria will be in accordance with VT-1 or equivalent and VT-3 or equivalent, as applicable.	Prior to Period of Extended Operation	LRA Section B2.1.17
30	The Fire Water System Program implementing procedures will be revised to include the extrapolation of inspection results to below-grade fire water piping with similar conditions that exist within the above-grade fire water piping.	Prior to Period of Extended Operation	LRA Section B2.1.18
31	The Fire Water System Program sprinkler heads will be inspected and tested based on NFPA requirements or replaced before the end of the 50-year sprinkler head service life and at 10-year intervals thereafter during the extended period of operation to ensure that signs of degradation, such as corrosion, are detected in a timely manner.	Prior to Period of Extended Operation	LRA Section B2.1.18

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Item No.	Commitment	Implementation Schedule	Source
32	NMC will verify the procedures to be used for aging management activities of the fire water system and apply testing in accordance with applicable NFPA codes and standards. Relevant procedures will be revised, as appropriate.	Prior to Period of Extended Operation	LRA Section B2.1.18
33	The MNGP procedures related to the diesel fuel oil system will be revised to include requirements to check for general, pitting, crevice, galvanic, MIC, and cracking.	Prior to Period of Extended Operation	LRA Section B2.1.20
34	The MNGP Fuel Oil Chemistry Program procedures will be revised to require tank draining, cleaning, and inspection, if deemed necessary based on the trends indicated by the results of the diesel fuel oil analysis, or as recommended by the system engineer based on equipment operating experience.	Prior to Period of Extended Operation	LRA Section B2.1.20
35	Existing procedures in the MNGP Fuel Oil Chemistry Program will be developed or revised to require periodic tank inspections of the diesel fuel oil tanks.	Prior to Period of Extended Operation	LRA Section B2.1.20
36	The MNGP Inaccessible Medium Voltage (2 kV to 34.5 kV) Cables Not Subject to 10 CFR 50.49 EQ Requirements Program will be implemented as a new program consistent with the recommendations of GALL AMP XI.E3.	Prior to Period of Extended Operation	LRA Section B2.1.21
37	The Inspection of Overhead Heavy Load and Light Load (Related to Refueling) Handling Systems Program will be enhanced to specify a 5-year inspection frequency for the fuel preparation machines.	Prior to Period of Extended Operation	LRA Section B2.1.22

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38	The MNGP One-Time Inspection Program will be implemented as a new program consistent with the recommendations of GALL AMP XI.M32, "One-Time Inspection." This program will include measures to verify the effectiveness of the following aging management programs: Plant Chemistry Program and Fuel Oil Chemistry Program. This program will also confirm the absence of age degradation in selected components (e.g., flow restrictors, venturis) within the scope of license renewal.	Prior to Period of Extended Operation	LRA Section B2.1.23
39	The MNGP Protective Coating Maintenance and Monitoring Program procedures will be updated to include inspection of all accessible painted surfaces inside containment.	Prior to Period of Extended Operation	LRA Section B2.1.27
40	The MNGP Protective Coating Maintenance and Monitoring Program will be revised to include a preinspection review of the previous two inspection reports so that trends can be identified.	Prior to Period of Extended Operation	LRA Section B2.1.27
41	The MNGP Protective Coating Maintenance and Monitoring Program implementation procedures will be revised to include provisions for analysis of suspected reasons for coating failure.	Prior to Period of Extended Operation	LRA Section B2.1.27
42	NMC intends to use the Integrated Surveillance Program for MNGP during the period of extended operation by implementing the requirements of BWRVIP-116, which is currently being reviewed by the NRC.	Prior to Period of Extended Operation	LRA Section B2.1.29
43	NMC will retain the capsules removed from the MNGP reactor vessel as part of the Reactor Vessel Surveillance Program.	Prior to and During the Period of Extended Operation	LRA Section B2.1.29

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Item No.	Commitment	Implementation Schedule	Source
44	The MNGP Selective Leaching of Materials Program will be implemented as a new program consistent, with exceptions, to the recommendations of GALL AMP XI.M33. The program will be developed and implemented before the start of the period of extended operation. The program includes a one-time visual inspection and hardness measurement of selected components that are susceptible to selective leaching. In situations in which hardness testing is not practical, a qualitative method by other NDE or metallurgical methods will be used to determine the presence and extent of selective leaching. The program will determine whether selective leaching is occurring for selected components.	Prior to Period of Extended Operation	LRA Section B2.1.30
45	The MNGP Structures Monitoring Program will be expanded, as necessary, to include inspections of structures and structural elements within the scope of license renewal that are not inspected as part of another aging management program.	Prior to Period of Extended Operation	LRA Section B2.1.31
46	The MNGP Structures Monitoring Program implementing procedures will be enhanced to ensure that structural inspections are performed on submerged portions of the intake structure from the service water bays to the wing walls.	Prior to Period of Extended Operation	LRA Section B2.1.31
47	The MNGP Structures Monitoring Program implementing procedures will be revised to include the monitoring/inspection parameters for structural components within the scope of license renewal.	Prior to Period of Extended Operation	LRA Section B2.1.31
48	The MNGP Structures Monitoring Program will be enhanced to include a requirement to sample groundwater for pH, chloride concentration, and sulfate concentration.	Prior to Period of Extended Operation	LRA Section B2.1.31

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Item No.	Commitment	Implementation Schedule	Source
49	The MNGP Structures Monitoring Program will be enhanced to include concrete evaluations of inaccessible areas if degradation of accessible areas is detected.	Prior to Period of Extended Operation	LRA Section B2.1.31
50	The MNGP Structures Monitoring Program implementing procedures will be enhanced to include acceptance criteria for structural inspections of submerged portions of the intake structure.	Prior to Period of Extended Operation	LRA Section B2.1.31
51	Implementing instructions and procedures for the System Condition Monitoring Program will be revised to describe specific age degradation parameters to be monitored and inspected. Acceptance criteria will also be included.	Prior to Period of Extended Operation	LRA Section B2.1.32
52	Requirements for inclusion of NUREG/CR-6260 locations will be incorporated in the implementing procedures for the MNGP Thermal Fatigue Monitoring Program.	Prior to Period of Extended Operation	LRA Section B3.2
53	The NMC fleet procedure for the Flow Accelerated Corrosion Program will be revised to include the accepted 87.5 percent of nominal pipe wall thickness for nonsafety-related piping as a trigger point for engineering analysis.	Prior to Period of Extended Operation	LRA Section B2.1.19
54	Prior to the period of extended operation, coating inspectors will meet the requirements of ANSI N45.2.6.	Prior to Period of Extended Operation	LRA Section B2.1.27
55	NMC will implement a new program at MNGP which is consistent with GALL AMP XI.E6.	Prior to Period of Extended Operation	Response to followup to RAI 3.6-2, dated February 27, 2006

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Item No.	Commitment	Implementation Schedule	Source
56	NMC has inspected the incore monitoring dry tubes on an every-other refueling outage periodicity and will continue to perform this inspection during the period of extended operation, as recommended by the guidance provided in GE SIL-409.	During the Period of Extended Operation	LRA Section 4.4 and B2.1.12
57	NMC is an active member of the BWRVIP and will continue to follow applicable inspection guidelines and recommendations, which have been reviewed and approved by the executive committee of the BWRVIP, throughout the period of extended operation.	During the Period of Extended Operation	LRA Section B1.6 and B2.1.12
58	NMC will follow the guidance provided in BWRVIP-139, Steam Dryer Inspection and Flaw Evaluation Guidelines (April 2005), for the MNGP steam dryer inspections.	During the Period of Extended Operation	LRA Section 2.1.4.2.2 and B2.1.12
59	NMC will add inspection requirements for the P1, P2, and P3 core spray piping welds at MNGP, in accordance with guidance provided in BWRVIP-18 or subsequent revisions.	Prior to the Period of Extended Operation	LRA Section B1.6 and B2.1.12

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Item No.	Commitment	Implementation Schedule	Source
60	<p>NMC will adhere to BWRVIP inspection guidelines for core plate holddown bolts by implementation of one or more of the following:</p> <ol style="list-style-type: none"> 1. Develop an alternative to the inspections identified in the BWRVIP which will, at a minimum, satisfy the intent of the BWRVIP in terms of assuring core plate functional integrity throughout the period of extended operation. NMC will provide the alternative to the inspection program to the NRC staff for their review and approval at least 1 year before entering the period of extended operation. 2. Inspect the core plate bolts using either UT, some other volumetric inspections, EVT-1 from below the core plate, or other approved inspections, in accordance with BWRVIP-25, to assure an adequate number of core plate bolts are intact to prevent lateral displacement of the core plate. 3. Install core plate wedges to structurally replace the lateral load resistance provided by the rim holddown bolts and perform no inspections. 	Prior to the Period of Extended Operation	LRA Section B2.1.12

APPENDIX B

CHRONOLOGY

This appendix contains a chronological listing of the routine licensing correspondence between the staff of the U.S. Nuclear Regulatory Commission (NRC or the staff) and the Nuclear Management Company, LLC (NMC), and other correspondence regarding the NRC staff's reviews of the Monticello Nuclear Generating Plant (MNGP) (Docket No. 50-263) license renewal application (LRA).

- March 16, 2005 Letter from T. Palmisano, NMC, to the NRC Transmitting Application for Renewed Operating License for the Monticello Nuclear Generating Plant (ADAMS Accession No. ML050880241)
- March 24, 2005 NRC Press Release-05-053—NRC Announces Availability of License Renewal Application for Monticello (ADAMS Accession No. ML050830481)
- March 31, 2005 Letter from P.T. Kuo, NRC, to T. Palmisano, NMC, Acknowledging the Receipt and Availability of the LRA for MNGP (ADAMS Accession No. ML050900052)
- April 6, 2005 Notice of April 20, 2005, Meeting for the NRC to Describe the License Renewal Process (ADAMS Accession No. ML050960308)
- April 14, 2005 NRC Press Release-III-05-016—NRC Staff Schedules Public Meeting for April 20 to Discuss License Renewal Process for Monticello Nuclear Generating Plant (ADAMS Accession No. ML051040142)
- April 25, 2005 Notice of May 11, 2005, Meeting Between the NRC and NMC to Discuss the LRA for MNGP (ADAMS Accession No. ML051150221)
- May 5, 2005 Determination of Acceptability and Sufficiency for Docketing, Proposed Review Schedule, and Opportunity for a Hearing Regarding the Application for Renewal of the Operating License for MNGP (ADAMS Accession No. ML051260029)
- May 9, 2005 Letter from J. Davis, NRC, to M. Askin regarding maintenance of reference material at the Monticello Public Library for the MNGP LRA (ADAMS Accession No. 051300167)
- May 9, 2005 Letter from J. Davis, NRC, to A. Wittmann regarding maintenance of reference material at the Buffalo Public Library for the MNGP LRA (ADAMS Accession No. 051300195)

May 12, 2005 NRC Press Release-05-081—NRC Announces Opportunity for Hearing on Application to Renew Operating License for MNGP (ADAMS Accession No. ML051320170)

May 12, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML051330005)

May 13, 2005 Summary of the Public Information Session Held April 20, 2005, for the NRC to Describe the License Renewal Process (ADAMS Accession No. ML051310174)

May 18, 2005 Summary of Meeting Held May 11, 2005, between the NRC and NMC to Discuss the MNGP LRA (ADAMS Accession No. ML051400115)

May 18, 2005 Revision of Schedule for the Review of the MNGP LRA (ADAMS Accession No. ML051400234)

May 25, 2005 Notice of June 24, 2005, Exit Meeting for the License Renewal Scoping and Screening Methodology Audit for the MNGP LRA (ADAMS Accession No. ML051450575)

June 2, 2005 NRC Audit and Review Plan for Plant Aging Management Reviews and Programs for MNGP (ADAMS Accession No. ML051600008)

June 10, 2005 NMC Response to Request for Additional Information and Submittal of Additional Information in Support of the Monticello LRA (ADAMS Accession No. ML051680145)

June 17, 2005 Summary of Telephone Conference Held on June 9, 2005, between the NRC and NMC Concerning Draft Requests for Additional Information Pertaining to the MNGP LRA (ADAMS Accession No. ML051680443)

June 21, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML051720593)

July 6, 2005 Summary of Meeting Held June 24, 2005, between the NRC and NMC to Discuss the Results of the Scoping and Screening Methodology Audit for the MNGP LRA (ADAMS Accession No. ML051880402)

July 9, 2005 Request for a Hearing and Petition for Leave to Intervene by the North American Water Office (ADAMS Accession No. ML052280043)

July 12, 2005 Revision of Schedule for the Review of the MNGP LRA (ADAMS Accession No. ML051950002)

July 13, 2005 Notice of August 18, 2005, Exit Meeting With NMC on License Renewal Audits of Aging Management Programs and Reviews for MNGP (ADAMS Accession No. ML051940509)

July 13, 2005 Summary of Telephone Conference Held on July 6, 2005, between the NRC and NMC Concerning Draft Requests for Additional Information Pertaining to the MNGP LRA (ADAMS Accession No. ML051950060)

July 18, 2005 Audit Trip Report Regarding the NMC Application for License Renewal for MNGP (ADAMS Accession No. ML051990091)

July 20, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML052020005)

July 21, 2005 NMC Response to Request for Additional Information Regarding the Monticello LRA (ADAMS Accession No. ML052080040)

July 28, 2005 Summary of Telephone Conference Held on July 14, 2005, between the NRC and NMC Concerning Draft Requests for Additional Information Pertaining to the MNGP LRA (ADAMS Accession No. ML052100060)

July 28, 2005 Summary of Public Scoping Meetings to Support Review of the MNGP LRA (ADAMS Accession No. ML052110002)

August 3, 2005 NRC Staff Answer to Petition to Intervene and Request for Hearing of the North American Water Office (ADAMS Accession No. ML052200245)

August 3, 2005 Notice of Appearance of David R. Lewis on Behalf of NMC (ADAMS Accession No. ML052280129)

August 3, 2005 NMC Answer to Request for Hearing and Petition to Intervene by the North American Water Office (ADAMS Accession No. ML052280136)

August 8, 2005 Memorandum of the Secretary referring the Petition for Leave to Intervene Submitted by the North American Water Office (ADAMS Accession No. ML052270368)

August 9, 2005 Reply Comment of the North American Water Office (ADAMS Accession No. ML052300291)

August 11, 2005 Summary of Telephone Conference Held on August 4, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML052230323)

August 11, 2005 NMC Responses to Aging Management Program and Aging Management Review Audits for the Monticello LRA (ADAMS Accession No. ML052280269)

August 12, 2005 Establishment of Atomic Safety and Licensing Board (ADAMS Accession No. ML052270406)

August 16, 2005 NMC Response to Request for Additional Information Regarding the Monticello LRA (ADAMS Accession No. ML052340510)

August 18, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML052310013)

August 18, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML052310044)

August 18, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML052310055)

August 19, 2005 NRC Staff Motion to Strike Comment of the North American Water Office (ADAMS Accession No. ML052310573)

August 29, 2005 Reply of North American Water Office to the NRC Staff Motion to Strike Comment of the North American Water Office (ADAMS Accession No. ML052500328)

August 31, 2005 Summary of Telephone Conference Held on August 15, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML052430782)

August 31, 2005 NMC Additional Information in Response to Aging Management Program and Aging Management Review Audits of the Monticello LRA (ADAMS Accession No. ML052500294)

September 6, 2005 Summary of Meeting Held August 18, 2005, between the NRC and NMC to Discuss the Results for Aging Management Programs and Reviews for the MNGP LRA (ADAMS Accession No. ML052520251)

September 15, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML052620622)

September 16, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML052620609)

September 16, 2005 NMC Response to Three Requests for Additional Information Regarding the Monticello LRA (ADAMS Accession No. ML052630320)

September 26, 2005 Docketing of Additional Information Pertaining to the LRA for MNGP (ADAMS Accession No. ML052700535)

- September 27, 2005 Summary of Telephone Conference Held on September 1, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML052700456)
- September 27, 2005 Summary of Telephone Conference Held on September 7, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML052700227)
- September 28, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML052730175)
- October 11, 2005 Letter from G. Crocker to Administrative Judge McDade discussing incompleteness of the MNGP LRA (ADAMS Accession No. ML052930174)
- October 12, 2005 Audit and Review Report for Plant Aging Management Reviews and Programs for Monticello Nuclear Generating Plant (ADAMS Accession No. ML052850461)
- October 14, 2005 NMC Response to Two Requests for Additional Information Regarding the MNGP LRA (ADAMS Accession No. ML052910370)
- October 17, 2005 NRC Staff Answer to the Motion of the North American Water Office to Find the License Renewal Application for the MNGP Incomplete (ADAMS Accession No. ML052900401)
- October 17, 2005 NMC Response to North American Water Office's Motion to Find the Application Incomplete (ADAMS Accession No. ML052970399)
- October 21, 2005 Summary of Telephone Conference Held on October 6, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML052970210)
- October 28, 2005 NMC Response to Requests for Additional Information Regarding the MNGP LRA (ADAMS Accession No. ML053070217)
- October 31, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML053050436)
- November 1, 2005 Memorandum and Order, Ruling on Standing and Contention Admissibility (ADAMS Accession No. ML053050414)
- November 2, 2005 Summary of Telephone Conference Call Held on October 11, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML053070112)

November 7, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML053120003)

November 8, 2005 Letter from D. Merzke, NRC, to J. Conway, NMC, Regarding Public Availability of Audit and Review Report (ADAMS Accession No. ML053140265)

November 14, 2005 NRC Request for Additional Information for the Review of the MNGP LRA (ADAMS Accession No. ML053190429)

November 16, 2005 Letter from D. Merzke, NRC, to J. Conway, NMC, Regarding Public Availability of Audit Report for Scoping and Screening Methodology (ADAMS Accession No. ML053220358)

November 17, 2005 NMC Supplement to Responses for Requests for Additional Information Regarding the MNGP LRA (ADAMS Accession No. ML053250099)

November 18, 2005 Summary of Telephone Conference Call Held on November 9, 2005, between NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML053250489)

November 22, 2005 Summary of Telephone Conference Held on November 15, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML053290157)

November 22, 2005 NMC Response to Two Requests for Additional Information Regarding the MNGP LRA (ADAMS Accession No. ML053340269)

December 7, 2005 NMC Response to Request for Additional Information Regarding the MNGP LRA (ADAMS Accession No. ML053460242)

December 16, 2005 NMC Supplement to Responses to Requests for Additional Information Regarding the MNGP LRA (ADAMS Accession No. ML053550250)

January 10, 2006 Summary of Telephone Conference Call Held on December 21, 2005, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML060130004)

January 30, 2006 Summary of Telephone Conference Call Held on January 9, 2006, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML060310635)

January 30, 2006 Summary of Telephone Conference Call Held on January 12, 2006, between the NRC and NMC Concerning Information Pertaining to the MNGP LRA (ADAMS Accession No. ML060340200)

February 8, 2006 Meeting Notice Regarding Public Exit Meeting to Discuss the Results of the License Renewal Inspections for the Review of the MNGP LRA (ADAMS Accession No. ML060390125)

February 27, 2006 NMC Supplement to Responses to Requests for Additional Information Regarding the MNGP LRA (ADAMS Accession No. ML060610583)

February 28, 2006 Confirmatory Items Response Regarding the MNGP LRA (ADAMS Accession No. ML060620056)

March 15, 2006 NMC License Renewal Application Annual Update Letter (ADAMS Accession No. ML060800360)

March 30, 2006 NRC License Renewal Scoping, Screening, and Aging Management Inspection Report (ADAMS Accession No. ML060940194)

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APPENDIX C

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APPENDIX D

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10. SUPPLEMENTARY NOTES

Docket No. 50-263

11. ABSTRACT (200 words or less)

This safety evaluation report documents the technical review of the Monticello Nuclear Generating Plant (MNGP) license renewal application (LRA) by the staff of the U.S. Nuclear Regulatory Commission (NRC). By letter dated March 16, 2005, Nuclear Management Company, LLC (NMC or the applicant), submitted the LRA for MNGP in accordance with Title 10, Part 54, of the Code of Federal Regulations (10 CFR Part 54). NMC is requesting renewal of the operating license for MNGP (Facility Operating License Number DPR-22) for a period of 20 years beyond the current expiration date of midnight, September 8, 2010.

MNGP is located approximately 30 miles northwest of Minneapolis, Minnesota. The NRC issued the construction permit for MNGP on June 19, 1967. The NRC issued the operating license for MNGP on January 9, 1981. MNGP is a single-cycle, General Electric BWR-3, a boiling-water reactor producing steam for direct use in a steam turbine. MNGP operates at a licensed power output of 1775 megawatts thermal, with a gross electrical output of approximately 600 megawatts electric.

The staff reviewed the MNGP LRA in accordance with Commission regulations and NUREG-1800, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants," dated July 2001. Section 6 of this SER provides the staff's conclusion of its review of the MNGP LRA.

12. KEY WORDS/DESCRIPTORS (List words or phrases that will assist researchers in locating the report.)

10 CFR Part 54, license renewal, Monticello, scoping and screening, aging management, time-limited aging analysis, safety evaluation report

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