

APPENDIX A CHRONOLOGY

This appendix contains a chronological listing of routine licensing correspondence between the U.S. Nuclear Regulatory Commission (NRC) staff and Duke Energy Corporation (Duke). This appendix also contains other correspondence regarding the NRC staff's review of the McGuire Nuclear Station, Units 1 and 2, (under docket Nos. 50-369 and 50-370), and Catawba Nuclear Station, Units 1 and 2, (under docket Nos. 50-413 and 50-414).

- May 8, 2001 In a letter (signed by S. Hoffman), the NRC issued a notice for a public meeting on May 21, 2001. In this meeting, Duke planned to discuss schedules for planned license renewals for McGuire and Catawba Nuclear Stations. ACN: ML011290008
- June 5, 2001 In a letter (signed by C. Araguas), the NRC issued a notice for a public meeting on June 20, 2001, between the NRC, Duke, Virginia Electric Power Company (VEPCo), and Exelon. In this meeting, the licensees planned to continue discussions from a prior meeting on May 21, 2001, on the review schedules for their planned license renewal applications. ACN: ML011560744
- June 6, 2001 In a letter (signed by S. Hoffman), the NRC published a summary of a public meeting that was held on May 21, 2001, between the NRC, Duke, VEPCo, and Exelon regarding the review schedules for their planned license renewal applications. ACN: ML011590263
- June 7, 2001 In a letter (signed by R. Prato), the summary of a telecommunication between the NRC, VEPCo, and Duke was published and documented. The telecommunication was held on June 6, 2001. Duke discussed an integrated inspection schedule for the license renewal inspection activities planned for McGuire and Catawba Nuclear Stations. ACN: ML011590499
- June 13, 2001 In a letter (signed by M.S. Tuckman), Duke submitted its form and content of License Renewal Application (LRA) and Appendices for McGuire and Catawba Nuclear Stations, Units 1 and 2. ACN: ML011660301
- June 13, 2001 In a letter (signed by M.S. Tuckman), Duke submitted its intent to apply for renewal of the operating licenses of McGuire and Catawba power stations. In its submittal, Duke provided fourteen copies of the application. ACN: ML011660138
- June 13, 2001 In a letter (signed by M.S. Tuckman), Duke submitted two sets of marked flow drawings to aid the NRC in its review of *Application to Renew the Operating Licenses of McGuire Nuclear Station, Units 1 and 2 and Catawba Nuclear Station, Units 1 and 2*. ACN: ML011660168

June 28, 2001 In a letter (signed by M.S. Tuckman), Duke submitted its applications to renew the operating licenses of McGuire and Catawba power stations. In its submittal, Duke provided one hard copy of the applications and 40 copies of the applications on CD ROM. ACN: ML011840032

June 28, 2001 In a letter (signed by R. Franovich), the NRC issued a notice for a public meeting on July 12, 2001. In this meeting, Duke planned to provide the NRC staff with a review of the license renewal applications for McGuire and Catawba Nuclear Stations, and to clarify the organization of the license renewal applications. ACN: ML011800037

July 10, 2001 In a letter (signed by R. Franovich), the NRC published a summary of a public meeting that was held on June 20, 2001, between the NRC, Duke, VEPCo, and Exelon. This meeting was held to continue discussions from the prior meeting on May 21, 2001, on the review schedules for their planned license renewal applications. ACN: L011930405

July 24, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on July 19, 2001, to clarify technical information provided by Duke in LRA Table 3.2-4. ACN: ML012070063

July 26, 2001 In a letter (signed by R. Franovich), the NRC published a summary of a public meeting that was held on July 12, 2001, between the NRC and Duke to provide an orientation for the staff on the McGuire and Catawba LRA. ACN: ML012080051

August 31, 2001 In a letter (signed by S. Hoffman), the NRC issued a notice for a public meeting on September 19, 2001, between the NRC, the Nuclear Energy Institute (the NEI), Southern Nuclear Oporation Company (SNC), Hatch Nuclear Plant, Units 1 and 2 (HNP), Florida Power and Light Company (FPL), Duke, VEPCo, and Exelon. In this meeting, the licensees planned to discuss the review status of their LRAs. ACN: ML012430275

September 10, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on August 21, 2001, to clarify information provided by Duke on the Boraflex Monitoring Program in LRA Appendix B. ACN: ML012530283

October 3, 2001 In a letter (signed by R. Franovich), the NRC issued a notice for a public meeting on October 18, 2001, between the NRC and Duke to discuss a scoping methodology audit in support of license renewal application review for McGuire and Catawba Nuclear Stations, Units 1 and 2. ACN: ML012770008

- October 10, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on September 12, 2001, to clarify information provided by Duke in its LRA on several waste treatment and disposal systems. ACN: ML012830102
- October 15, 2001 In a letter (signed by R. Franovich), the summary of two telecommunications between the staff and Duke was published and documented. These telecommunications were held on September 18 and 20, 2001, to clarify information provided by Duke in its McGuire and Catawba LRA regarding scoping of structures and components in the fire protection systems. ACN: ML012880370
- October 21, 2001 In a letter (signed by S. Hoffman), the NRC issued a summary of a public meeting that was held on September 19, 2001, between the NRC, the NEI, SNC, FPL, VEPCo, Duke, and Exelon regarding the status of license renewal activities. ACN: ML012840369
- November 2, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on October 3, 2001, to clarify information provided by Duke in its McGuire and Catawba LRA regarding scoping of structures and components in the fire protection systems. ACN: ML013060438
- November 14, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on October 11, 2001, to clarify information provided by Duke in its McGuire and Catawba LRA regarding containment systems. ACN: ML013190029
- November 14, 2001 In a letter (signed by C. Grimes), the NRC provided the NEI, the Union of Concerned Scientists (the UCS), and current license renewal applicants with their proposed staff guidance on station blackout scoping for comments. ACN: ML013180508
- November 15, 2001 In a letter (signed by R. Franovich), the NRC issued a summary of a public exit meeting that was held on October 19, 2001, between the NRC and Duke regarding the scoping methodology audit in support of license renewal application review for McGuire and Catawba Nuclear Stations, Units 1 and 2. ACN: ML013190507
- November 23, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on October 11, 2001, to clarify information presented in the LRA pertaining to aging management programs for structures. ACN: ML013310117

- November 23, 2001 In a letter (signed by C. Grimes), the NRC provided the NEI, the UCS, and current license renewal applicants with proposed changes to the “Generic Aging Lessons Learned” (GALL) report for comments on the aging management of concrete. ACN: ML013300426
- November 23, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on October 15, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Appendix B, Inservice Inspection Plan. ACN: ML013300361
- November 30, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on October 25, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Section 3.5. ACN: ML013370544
- November 30, 2001 In a letter (signed by R. Prato), the NRC issued a notice for a public meeting on December 12, 2001, between the NRC, VEPCo, Duke, Exelon, and the NEI to discuss license renewal emerging issues. ACN: ML013370001
- December 3, 2001 In a letter (signed by C. Grimes), the NRC provided the NEI, the UCS, and current license renewal applicants with the staff’s characterization of the license renewal issue pertaining to scoping of seismic II/I piping for comments. ACN: ML013380013
- December 11, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on October 30, 2001, to clarify information presented in the LRA pertaining to aging management programs for mechanical systems and components. ACN: ML013460154
- December 11, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on November 8, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Section B.3.12, Fire Protection Program. ACN: ML013460269
- December 12, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on October 25, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Appendix B. ACN: ML013460417

- December 13, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on November 5, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Appendix B, on aging management programs for mechanical systems and components. ACN: ML013470364
- December 14, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on December 3, 2001, to clarify information presented by Duke on its McGuire and Catawba LRA, Section B.3.6. ACN: ML013520129
- December 14, 2001 In a letter (signed by S. Hoffman), the NRC issued a notice for a public meeting on January 8, 2002, between the NRC, SNC, FPL, VEPCo, Duke, and Exelon to discuss the review status and other activities associated with LRAs. ACN: ML013510294
- December 18, 2001 In a letter (signed by R. Prato), the NRC issued a notice for a public meeting on January 10, 2002, between the NRC, VEPCo, Duke, Exelon, and the NEI to discuss license renewal station blackout issues. ACN: ML013600335
- December 27, 2001 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on November 13, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Sections 2.5, 3.6, and B.3.19. ACN: ML013650428
- January 10, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on November 20, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Section 4.6. ACN: ML020110099
- January 11, 2002 In a letter (signed by D. Solorio), the NRC issued a notice for a public meeting on January 15, 2002, during which the NEI and current license renewal applicants planned to follow up on the January 10, 2002, meeting regarding the license renewal station blackout issue. ACN: ML020110589
- January 15, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on November 28, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Sections 2.3.2 and 2.3.3. ACN: ML020170132

January 15, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on November 27, 2001, to clarify information presented by Duke in its McGuire and Catawba LRA, Sections 2.3.4, 2.3.3.27, 2.3.3.34, and 2.3.3.36. ACN: ML020160418

January 17, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Sections 2.5, 3.6, and B.3.19 of the McGuire and Catawba LRA. ACN: ML020180061

January 17, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Sections 2.1 and B.2 of the McGuire and Catawba LRA. ACN: ML020220034

January 17, 2002 In a letter (signed by P. Kang), the NRC issued a notice for a public meeting on February 14, 2002, between the NRC, the NEI, and current license renewal applicants to discuss revised sections of Chapters II and III of the GALL report on aging management of concrete elements. ACN: ML020220005

January 17, 2002 In a letter (signed by R. Prato), the NRC issued a summary of a public meeting that was held on December 12, 2001, between the NRC, VEPCo, Duke, Exelon, and the NEI regarding license renewal emerging issues. ACN: ML020300004

January 22, 2002 In a letter (signed by R. Prato), the NRC published a summary of a public meeting that was held on January 10, 2002, between the NRC, VEPCo, Duke, Exelon, the NEI, and the Nuclear Information and Resource Service regarding the scope of station blackout specific to license renewal. ACN: ML020220351

January 23, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Section 2.2 of the McGuire and Catawba LRA. ACN: ML020290102

January 23, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Section 2.3.2 of the McGuire and Catawba LRA. ACN: ML020240249

January 24, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Section 3.3 of the McGuire and Catawba LRA. ACN: ML020240265

January 28, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Section 2.3.3 of the McGuire and Catawba LRA. ACN: ML020320212

January 28, 2002 In a letter (signed by C. Grimes), the NRC provided the NEI, the UCS, and current license renewal applicants with their proposed guidance on aging management of fire protection systems comments. ACN: ML020320437

January 28, 2002 In a letter (signed by C. Grimes), the NRC requested comments from the NEI, the UCS, and current license renewal applicants on the revised proposed guidance on station blackout scoping. ACN: ML020300294

January 28, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Section 3.2 of the McGuire and Catawba LRA. ACN: ML020320010

January 28, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Appendix B, Aging Management Programs (Mechanical Systems), of the McGuire and Catawba LRA. ACN: ML020310200

January 28, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Sections 2.3.1, 3.1, 4.2, 4.3, 4.7.1, and Appendix B of the McGuire and Catawba LRA. ACN: ML020310255

January 28, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Sections 2.4, 3.5, 4.6, 4.7.3, and Appendix B of the McGuire and Catawba LRA. ACN: ML020320165

January 30, 2002 In a letter (signed by R. Franovich), the NRC staff requested additional information (RAI) regarding Section 3.1 and Appendix B, Section B.3.27 of the McGuire and Catawba LRA. ACN: ML020350542

January 31, 2002 In a letter (signed by P. Kang), the NRC issued a notice for a public meeting on February 14, 2002, between the NRC, the NEI, and current license renewal applicants in order to discuss station blackout issues related to license renewal. This meeting follows discussions initiated in a public meeting held on January 10 and 15, 2002. ACN: ML020320079

February 5, 2002 In a letter (signed by P. Kang), the NRC published a summary of a public meeting that was held on January 15, 2002, between the NRC, the NEI, and current license renewal applicants. This meeting was held to continue the discussion that began with the January 10, 2002, meeting on station blackout issues related to license renewal. ACN: ML020380195

February 11, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on January 9, 2002, to clarify information presented by Duke in its McGuire and Catawba LRA, Sections 3.1, B.3.1, B.3.26, B.3.27, B.3.31, and 4.2.1. ACN: ML020420453

February 13, 2002 In a letter (signed by D. Solorio), the NRC published a notice for a public meeting on February 25, 2002, between the NRC, the NEI, and current license renewal applicants to discuss implementation details of the license renewal interim staff guidance process. ACN: ML020460082

February 21, 2002 In a letter (signed by S. Hoffman), the NRC published a summary of a public meeting that was held on January 8, 2002, between the NRC, SNC, FPL, VEPCo, Duke, and Exelon regarding the progress of license renewal application reviews. ACN: ML020560022

March 1, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's RAIs dated January 17 and 23, 2002, regarding the scoping and screening methodology of the McGuire and Catawba LRA. ACN: ML020640428

March 1, 2002 In a letter (signed by M.S. Tuckman), Duke responded to RAIs on scoping and screening methodology and plant level scoping results. ACN: ML020640428

March 1, 2002 In a letter (signed by C. Grimes), the NRC requested comments from the NEI, the UCS, and current license renewal applicants on the revised proposed guidance on station blackout scoping. ACN: ML020600100

March 6, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on February 21, 2002, to clarify information presented by Duke in its McGuire and Catawba LRA, Section 2.4.2. ACN: ML020660073

March 7, 2002 In a letter (signed by P. Kang), the NRC published a summary of a public meeting that was held on February 14, 2002, between the NRC, the NEI, and current license renewal applicants regarding revised guidance on station blackout scoping. ACN: ML020700212

March 8, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's RAIs dated January 17, 2002, regarding Sections 2.5, 3.6, and Appendix B Section B.3.19 of the McGuire and Catawba LRA. ACN: ML020740025

March 11, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's RAIs dated January 28, 2002, regarding Sections 2.4, 3.5, 4.6, 4.7.3, and Appendix B of the McGuire and Catawba LRA. ACN: ML020770266

March 13, 2002 In a letter (signed by S. Hoffman), the NRC published a notice for a public meeting on April 8, 2002, between the NRC, the NEI, and current license renewal applicants to discuss the status of the renewal applications and generic license renewal activities. ACN: ML020720270

March 15, 2002 In a letter (signed by K. S. Canady), Duke submitted its response to the NRC staff's RAIs dated January 23 and 28, 2002, regarding aging management review of auxiliary systems and of engineered safety features, including aging management programs for mechanical systems for McGuire and Catawba LRA. ACN: ML020810451

March 15, 2002 In a letter (signed by C. Grimes), the NRC requested comments from the NEI, the UCS, and current license renewal applicants on the license renewal issue guidance pertaining to 10 CFR 54.4 (a)(2) Scoping. ACN: ML020770026

March 22, 2002 In a letter (signed by P. Kang), the NRC published a notice for a public meeting on April 10, 2002, between the NRC, the NEI, and current license renewal applicants to discuss revised sections of Chapters II and III of the GALL report on the aging management of concrete elements and other currently emerging issues related to license renewal. ACN: ML020840411

March 22, 2002 In a letter (signed by P. Kang), the NRC published a notice for a public meeting on April 10, 2002, between the NRC, the NEI, and current license renewal applicants to discuss the staff proposed guidance for aging management of fire protection systems in the GALL report. ACN: ML020840444

April 1, 2002 In a letter (signed by D. Matthews), the NRC submitted a copy of the revised staff position on scoping station blackout equipment for license renewal and clarified the use of alternate ac power sources. ACN: ML020920464

April 4, 2002 In a letter (signed by P. Kang), the NRC published a summary of a public meeting that was held on February 14, 2002, between the NRC, the NEI, and current license renewal applicants regarding revisions to GALL Chapters II and III. ACN: ML020940312

April 5, 2002 In a letter (signed by C. Grimes), the NRC informed the NEI and current license renewal applicants of its "Staff's Response to Industry's Proposed Changes to GALL Chapters II and III on Aging Management of Concrete Elements." ACN: ML020980194

April 15, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's RAIs dated January 23 and 28, 2002, and March 1, 8, and 15, 2002, regarding Sections 2.1-2a, 2.1-2b, 2.3.1, 2.3.2, 2.3.3, 3.1, 3.2-1, 3.3-1, 3.3-2, 4.2, 4.3, 4.7.1, B.3.19-1, B.3.19-2, and several sections of Appendix B of the McGuire and Catawba LRA. ACN: ML021120015

April 22, 2002 In a letter (signed by P. Kang), the NRC published a summary of a public meeting that was held on April 10, 2002, between the NRC, the NEI, and current license renewal applicants regarding staff guidance on license renewal issues. ACN: ML021120407

April 22, 2002 In a letter (signed by N. Dudley), the NRC published a summary of a public meeting that was held on April 8, 2002, between the NRC, Omaha Public Power District (OPPD), FPL, VEPCo, Duke, and Exelon regarding the progress of license renewal application reviews. ACN: ML021130114

May 5, 2002 In a letter (signed by V. McCree), the NRC sent Duke its scoping and screening inspection report. ACN: ML021280003

June 7, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on May 24, 2002, to clarify information provided by Duke in LRA Section 2.1. ACN: ML021620457

June 7, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on May 28, 2002, to clarify information provided by Duke in LRA Section 3.5. ACN: ML021700648

June 19, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on June 5, 2002, to clarify information provided by Duke in LRA Section B.3.26. ACN: ML021700621

June 19, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on June 4, 2002, to clarify information provided by Duke in LRA Section 4.3. ACN: ML021750433

June 24, 2002 In a letter (signed by R. Franovich), the summary of a telecommunication between the staff and Duke was published and documented. The telecommunication was held on May 29, 2002, to clarify information provided by Duke in LRA Sections 3.6 and B.3.19. ACN: ML021620496

June 25, 2002 In a letter (signed by M.S. Tuckman), Duke submitted Amendment I to the application to renew the facility operating licenses of McGuire and Catawba Nuclear Stations, Units 1 and 2. ACN: ML021840126

June 25, 2002 In a letter (signed by M.S. Tuckman), Duke submitted drawing MCFD-01-01 which is part of Amendment I to the application to renew the facility operating licenses of McGuire and Catawba Nuclear Stations, Units 1 and 2. ACN: ML021920158

June 26, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's RAIs dated January 17, 2002, regarding Sections 2.5-1 and 2.5-2 of the McGuire and Catawba LRA. ACN: ML021840103

June 26, 2002 In a letter (signed by R. Franovich), the NRC provided Duke potential safety evaluation report open items regarding the license renewal application for McGuire and Catawba Nuclear Stations, Units 1 and 2. ACN: ML021770454

July 9, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's letter dated June 26, 2002, regarding 29 potential open items and 10 confirmatory items identified during the staff's preparation of its safety evaluation report on the McGuire and Catawba LRA. ACN: ML021960467

August 29, 2002 In a letter (signed by R. Franovich), the NRC provided Duke a revised schedule for the review of the license renewal application for McGuire and Catawba Nuclear Stations, Units 1 and 2. ACN: ML022410304

September 4, 2002 In a letter (signed by R. Franovich), the NRC issued a notice for a public meeting on September 17-19, 2002, between the NRC and Duke. In this meeting the staff and applicant planned to discuss open and confirmatory items identified in the SER issued August 14, 2002. ACN: ML022470378

September 6, 2002 In a letter (signed by R. Franovich), the NRC issued a notice for a public meeting on October 1, 2002, between the NRC and Duke. In this meeting the staff and applicant planned to discuss open items pertaining to scoping and screening of fire protection equipment that were identified in the SER issued August 14, 2002. ACN: ML022520227

September 9, 2002 In a letter (signed by L. Plisco for V. McCree), the NRC sent Duke its aging management review inspection report. ACN: ML022540009

September 12, 2002 In a letter (signed by R. Franovich), the NRC issued a notice for a public meeting on October 1, 2002, between the NRC and Duke. In this meeting the staff and applicant planned to discuss open items pertaining to scoping and screening of fire protection equipment that were identified in the SER issued August 14, 2002. ACN: ML022560227

September 13, 2002 In a letter (signed by R. Franovich), the NRC issued a request of revised time-limited aging analyses associated with reactor vessel neutron embrittlement for the staff's review of the license renewal application for McGuire 1. ACN:ML022590100

October 2, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its interim response to the NRC staff's safety evaluation report with open items issued August 14, 2002, on the McGuire and Catawba LRA. ACN:ML022830191

- October 19, 2002 In a letter (signed by R. Franovich), the NRC issued a revised excerpt from the safety evaluation report with open items and request for additional information to complete the staff's review of the McGuire and Catawba LRA. ACN:ML022940260
- October 28, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its second response to the NRC staff's safety evaluation report with open items issued August 14, 2002, on the McGuire and Catawba LRA. ACN:ML023090324
- November 5, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's letter dated October 19, 2002, regarding a revised excerpt from the safety evaluation report with open items and request for additional information to complete the staff's review of the McGuire and Catawba LRA. ACN:ML023180047
- November 7, 2002 In a letter (signed by R. Franovich), the NRC requested the applicant to address its treatment of fuse holders within the scope of license renewal as long-lived, passive components subject to an aging management review in the McGuire and Catawba LRA. ACN:ML023120413
- November 13, 2002 In a letter (signed by P.T. Kuo), the NRC apprized the applicant of the status of the NRC staff's review of the McGuire and Catawba LRA and safety evaluation report open items that remained unresolved. ACN:ML023170631
- November 14, 2002 In a letter (signed by M.S. Tuckman), Duke submitted its response to the NRC staff's letter dated November 13, 2002, regarding safety evaluation report open items that remained unresolved. ACN:ML023300321
- November 18, 2002 In a letter (signed by M.S. Tuckman), Duke submitted a supplemental response to the NRC staff's letter dated November 13, 2002, regarding safety evaluation report open items that remained unresolved. ACN:ML023300288
- November 18, 2002 In a letter (signed by R. Franovich), the NRC issued a summary of the public meetings held September 17-19, 2002, between the NRC and Duke. In this meeting the staff and applicant discussed open and confirmatory items identified in the SER issued August 14, 2002. ACN:ML023220127
- November 21, 2002 In a letter (signed by M.S. Tuckman), Duke submitted a third response to the NRC staff's letter dated November 13, 2002, regarding safety evaluation report open items that remained unresolved. ACN:ML023180047

- November 26, 2002 In a letter (signed by R. Franovich), the NRC issued a summary of the public meeting held October 1, 2002, between the NRC and Duke. In this meeting the staff and applicant discussed open items pertaining to scoping and screening of fire protection equipment that were identified in the SER issued August 14, 2002. ACN: ML023330429
- December 16, 2002 In a letter (signed by M.S. Tuckman), Duke submitted revised FSAR supplements and a table of license renewal commitments. ACN: ML023540450

APPENDIX B REFERENCES

This appendix contains a listing of references used in the preparation of the Safety Evaluation Report prepared during the review of the license renewal application for McGuire 1 and 2, Docket Numbers 50-369 and 50-370, and Catawba 1 and 2, Docket Numbers 50-413 and 50-414.

American Concrete Institute (ACI)

ACI 349.3, *Evaluation of Existing Nuclear Safety-Related Concrete Structures*.

ACI 224.1, *Causes, Evaluation, and Repairs of Cracks in Concrete Structures*.

ACI 201, *Guide for Making a Condition Survey of Concrete in Service*.

American National Standards Institute (ANSI)

ANSI B30.2.0, *Overhead and Gantry Cranes, Section 2-2, Safety Standards for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings*, American National Standard.

ANSI B30.16, *Overhead Hoists (Underhung)*, American National Standard.

American Society of Mechanical Engineers (ASME)

ASME Boiler and Pressure Vessel Code, Section III, Subsection NB, *Class 1 Components*.

ASME Boiler and Pressure Vessel Code, Section III, Subsection NG, *Core Support Structures*.

ASME Boiler and Pressure Vessel Code, Section III, *Class 2 and 3 Piping Failures*.

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Duke Energy Corporation

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**APPENDIX C
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APPENDIX D
LIST OF APPLICANT COMMITMENTS