

A.2 QUALITY ASSURANCE FOR AGING MANAGEMENT PROGRAMS (BRANCH TECHNICAL POSITION IQMB-1)

A.2.1 Background

The license renewal applicant is required to demonstrate that the effects of aging on structures and components subject to an aging management review (AMR) will be adequately managed to assure that their intended functions will be maintained consistent with the current licensing basis (CLB) of the facility for the period of extended operation. Therefore, those aspects of the AMR process that affect quality of safety-related structures, systems, and components, are subject to the quality assurance (QA) requirements of Appendix B to 10 CFR Part 50. For nonsafety-related structures and components subject to an AMR, the existing 10 CFR Part 50, Appendix B QA program may be used by the applicant to address the elements of corrective actions, confirmation process, and administrative controls, as described in Branch Technical Position RLSB-1, Appendix A.1 of this standard review plan. The confirmation process should ensure that preventive actions are adequate and that appropriate corrective actions have been completed and are effective. Administrative controls should provide a formal review and approval process. Reference 1 describes how a license renewal applicant can rely on the existing requirements in 10 CFR Part 50, Appendix B, "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants" to satisfy these program elements/attributes. The purpose of this branch technical position is to describe an acceptable process for implementing the corrective actions, confirmation process, and administrative controls elements of aging management programs for license renewal.

A.2.2 Branch Technical Position

1. Safety-related structures and components are subject to 10 CFR Part 50, Appendix B requirements which are adequate to address all quality-related aspects of an aging management program consistent with the current licensing basis (CLB) of the facility for the period of extended operation.
2. For nonsafety-related structures and components that are subject to an aging management review for license renewal, an applicant has an option to expand the scope of its 10 CFR Part 50, Appendix B, program to include these structures and components to address corrective actions, confirmation process, and administrative controls for aging management during the period of extended operation. The applicant should document such a commitment in the final safety analysis report (FSAR) supplement in accordance with 10 CFR 54.21(d).
3. If an applicant chooses to have alternative means to address corrective actions, confirmation process, and administrative controls for managing aging of nonsafety-related structures and components that are subject to an aging management review for license renewal, the applicant's proposal should be reviewed on a case-by-case basis following the guidance in Branch Technical Position RLSB-1, Appendix A.1 of this standard review plan.

A.2.3 References

1. NUREG-xxxx, "Generic Aging Lessons Learned (GALL), Appendix," U.S. Nuclear Regulatory Commission, XXXX.