12.5 Operational Radiation Protection Program

A COL applicant that references the U.S. EPR design certification will fully describe, at the functional level, elements of the Radiation Protection Program. The purpose of this Radiation Protection Program is to maintain occupational and public doses ALARA. The program description will identify how the program is developed, documented, and implemented through plant procedures that address quality requirements commensurate with the scope and extent of licensed activities. This program will comply with the provisions of 10 CFR Parts 19, 20, 50, 52, and 71 and be consistent with the guidance in RG 1.206, RG 1.8, RG 8.2, RG 8.4, RG 8.5, RG 8.6, RG 8.7, RG 8.8, RG 8.9, RG 8.10, RG 8.13, RG 8.15, RG 8.27, RG 8.28, RG 8.29, RG 8.34, RG 8.35, RG 8.36, RG 8.38, and the consolidated guidance in NUREG-1736 (Reference 1).

In accordance with the radiation protection program milestones and license conditions, the facility maintains an operational lifecycle minimization of contamination program based on NEI 08-08A, "Generic FSAR Template Guidance for Life-Cycle Minimization of Contamination" (Reference 2). NEI 08-08A is one acceptable method for demonstrating compliance with NRC regulatory requirements, guidance, and acceptance criteria listed in 10 CFR 20.1406, Regulatory Guide 1.206, Regulatory Guide 4.21, and NUREG-0800, Section 11 and Section 12.

12.5.1 References

1. NUREG-1736, "Consolidated Guidance: 10 CFR 20—Standards for Protection Against Radiation," U.S. Nuclear Regulatory Commission, October 2001.

2. NEI 08-08A, Revision 0, "Generic FSAR Template Guidance for Life-Cycle Minimization of Contamination," October 2009.