

12.5 Health Physics Program

The information in this section of the reference ABWR DCD, including all subsections, is incorporated by reference with the following supplements.

12.5.3.1 Radiation Protection Program

The following standard supplement addresses COL License Information Item 12.9.

The Operational Radiation Protection Program is described in Section 12.5S.

12.5.3.2 Compliance with Paragraph 50.34 (f) (xxvii) of 10 CFR 50 and NUREG-0737 Item III.D.3.3

The following site-specific supplement addresses COL License Information Item 12.10.

STPNOC currently has approximately 14 portable high volume air samplers, 14 portable low volume air samplers, and 6 portable continuous air samplers. Procedures have been developed to measure the iodine activity entrained on the silver zeolite cartridges or carbon filter units. Personnel have been trained, and will continue to be trained, to operate this equipment. The background activity in the counting rooms is normally maintained low enough to permit counting. Additionally, shielding materials are available to facilitate the counting operation, if necessary. The filter units are counted by a high resolution detector and a multi-channel analyzer or similar device, thereby eliminating the need for purging noble gases.

It is expected that the STPNOC Health Physics program, procedures, and training curriculum will be expanded and modified as necessary to meet requirements for all operating units, with air sampling equipment shared among the four units and additional samplers procured as required to support four unit operation.

