

13.6 Physical Security

The information in this section of the reference ABWR DCD and the referenced SSAR, including all subsections, is incorporated by reference with the following supplement and departure. Design changes and site specific information were reviewed against the information in SSAR Subsections 13.6.3.1 through 13.6.3.12, Amendment 33. No conclusions in SSAR Chapter 13.6 were affected.

STD DEP T1 2.14-1

Subsection 13.6.3.3 "Vital Areas" includes the Hydrogen Recombiner and associated monitoring equipment, which is removed from the design. Consequently this equipment is deleted from Subsection 13.6.3.3 vital equipment lists.

13.6.3 COL License Information

The following site-specific supplemental information addresses COL License Information Item 13.7.

The comprehensive site Security Plan consists of the Physical Security Plan, the Training and Qualification Plan, the Cyber Security Program, and the Safeguards Contingency Plan. The Security Plan is submitted as a separate licensing document in order to fulfill the requirements of 10 CFR 50.34. The Security Plan meets the requirements contained in 10 CFR 26 and 10 CFR 73 and will be maintained in accordance with the requirements of 10 CFR 50.54. The Security Plan is classified as Security Safeguards Information and is withheld from public disclosure in accordance with 10 CFR 73.21.

The Cyber Security Program is implemented and maintained to meet the requirements contained in 10 CFR 73.54 during the operating phase of the nuclear units. This program will be implemented on site prior to Unit 3 Fuel Receipt (Protected Area). The Cyber Security Plan is classified as Security Safeguards Information and is considered part of the Security Plan and is withheld from public disclosure in accordance with 10 CFR 73.21.

The Interdiction Capability Evaluation addresses COL License Information Item 13.6.3.3-3 and is provided as a separate Safeguards supplement licensing document. The final design of the Protective Strategy will be provided in the Units' 3 & 4 Safeguards Contingency Plan procedures.

Physical and Cyber Security Programs are implemented and maintained to meet the requirements contained in 10 CFR Part 73.55 and 10 CFR 73.54 during the operating phase of the nuclear units. Unit 3 Fuel Receipt onsite (Protected Area) is executed only in the operational protected area where the Physical and Cyber Programs have been fully implemented.

13.6.4 Transportation Physical Security Plan

In accordance with CFR 73.67(g) 1-3, as clarified by RIS 2005-22, written agreements will be developed and implemented with the supplying fuel manufacturer to transport

new fuel assemblies (including returning shipments) between the fuel manufacturing facility and the STP 3&4 site under the fuel manufacturer's Transportation Physical Security Plan. Under these agreements, the transfer of responsibility for transportation security of new fuel assemblies, including damaged new fuel assemblies, occurs at the STP 3&4 site when STPNOC accepts delivery of new fuel assemblies from the carrier (manufacturer) or the carrier accepts new fuel from STPNOC. Under these agreements, the fuel manufacturer will be responsible for the in transit physical protection of the new fuel assemblies. The manufacturer and STPNOC will maintain responsibility for the appropriate administrative and Material Control and Accounting (MC&A) requirements when acting as a shipper or receiver.

Under these agreements, upon arrival of a new fuel shipment at the site access point, STPNOC will inspect the fuel containers to include requirements to inspect the integrity of the fuel's containers and the tamper seals and to notify the shipper of arrival of the material in accordance with 10 CFR 74.15.