

### 19.13 Summary of Insights Gained from the PRA

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

STD DEP T1 2.4-3

STP DEP T1 5.0-1

#### 19.13.4 Additional Studies

STP DEP T1 5.0-1

The potential for external flooding is studied in Appendix 19R, and summarized in Section 19.4. Key features of the site and plant design are identified in Subsection 19.9.3.

#### 19.13.6.3 Equipment Lubrication Systems

STD DEP T1 2.4-3

*Equipment lubrication by active subsystems, including lube oil pumps, has been reviewed with regard to the possibility that several different loops or divisions of safety related equipment could be simultaneously disabled by a single failure. If lube oil pumps are used within a given division of a safety-related system, such as in the RHR System, they must be powered by the same electrical division that powers the pumps or they must require no power. ~~(This statement does not apply to RCIC since RCIC lube oil cooling is mechanically driven by the turbine or pump shaft.)~~ Thus, loss of one electrical division would only disable one division of the RHR system or another multi-division system. It is judged that detailed modeling of lubrication systems is not necessary, since the failure rate for a given equipment item includes the failure of its lubricating system.*

