

**18.8 Procedure Development**

Procedures are essential to plant safety because they support and guide personnel interactions with plant systems and personnel responses to plant-related events. Procedures and the human system interfaces (HSI) are designed in parallel using similar processes and incorporating the same accident analyses; the evaluation processes used are also interrelated. Human factors principles are applied to aspects of the interface to verify complete integration and consistency. Procedure development is further discussed in Section 13.5.

A COL applicant that references the U.S. EPR design certification will describe how HFE principles and criteria are incorporated into the development program for site procedures.