

## 23 Review by the Advisory Committee on Reactor Safeguards

The Advisory Committee on Reactor Safeguards (ACRS) will conduct a review of the AP1000 design. On January 23 and 24, 2003, the ACRS Reliability and Probabilistic Risk Assessment Subcommittee met with the applicant to discuss the AP1000 Probabilistic Risk Assessment. The ACRS Thermal-Hydraulic Phenomena Subcommittee met on March 19-21, 2003, with the applicant and the NRC staff to discuss issues identified during the pre-application review, safety analysis results, and summary of associated requests for additional information. The Thermal-Hydraulic Phenomena Subcommittee and the Future Plant Subcommittee is scheduled to meet to discuss the AP1000 design in July 2003. The Future Plant Subcommittee has indicated that it will begin its detailed review of the design after this report is issued. The staff intends to continue meeting with the ACRS to discuss issues on the design and testing programs.

After the ACRS completes its review of the AP1000 design, it will issue a report discussing the results of its review. This report will be included in the final safety evaluation report. The staff intends to address any issues and concerns identified in that report.