MR. BEVILL: Please describe the process and timing of each review that has been initiated or that is anticipated to be initiated.

CHAIRMAN SELIN:

There are currently two advanced reactor designs under review by the NRC for design approval. Both the General Electric (GE) Advanced Boiling Water Reactor (ABWR) and the Combustion Engineering (CE) System 80+ designs are evolutionary light water reactors. The Westinghouse AP600 and the GE Simplified Boiling Water Reactor (SBWR) designs are expected to be submitted to the NRC during 1992. The review schedules published in the May 31, 1991, Commission paper, "Schedules for the Advanced Reactor Reviews and Regulatory Guidance Revisions," (SECY-91-161) are still valid and show the following estimates for issuing a final design approval (FDA) with a design certification (DC), following rulemaking, issued about 18 months after the FDA.

DESIGN	FDA	DC
GE ABWR	12/92	6/94
CE System 80+	11/93	5/95
Westinghouse AP600	11/94*	5/96
GE SBWR	1/95*	7/96

*(Based on submittal dates of June 1992 for AP600 and August 1992 for SBWR.)

In addition, the NRC is reviewing the Electric Power Research Institute's (EPRI) Utility Requirements Document (URD) which has separate volumes for evolutionary design requirements and passive design requirements. These reviews will result in NRC Safety Evaluation Reports (SERs) rather than design-specific FDAs. The evolutionary design SER is scheduled to be issued in August 1992 and the passive design SER is scheduled for issuance in September 1993.

The staff is performing preapplication reviews on 4 additional advanced reactor designs (design certification dates and FDA schedules have not been established for these designs). The current schedules, which are in the process of being reassessed based upon input from the vendors and DOE, for completing these reviews are provided for the record:

DESIGN	COMPLETION DATE OF PREAPPLICATION REVIEW
CANDU-3	6/93
MHTGR	12/92
PIUS	7/93
PRISM	11/92

Question 8/Bevill/NRR
03/17/92