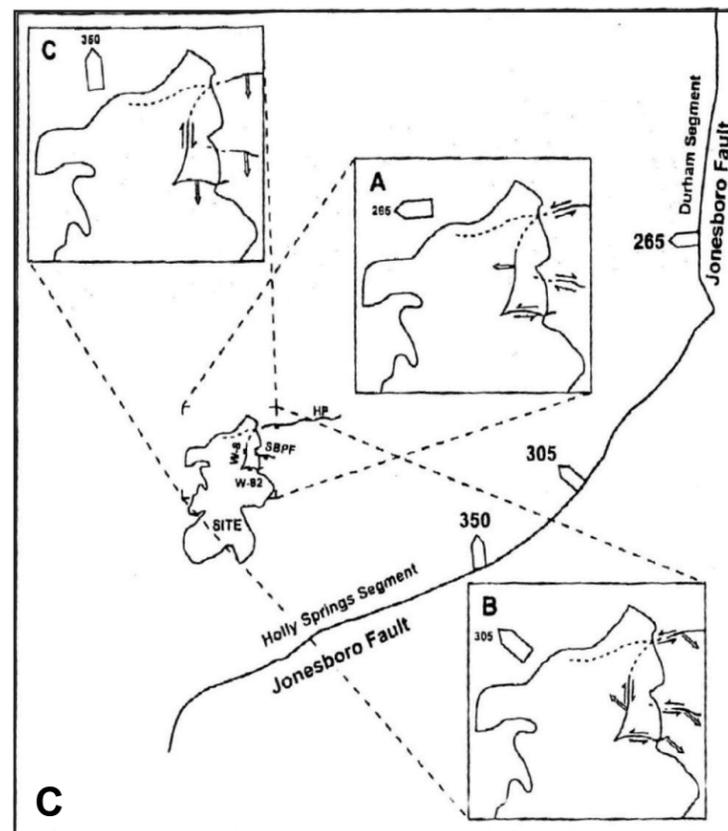


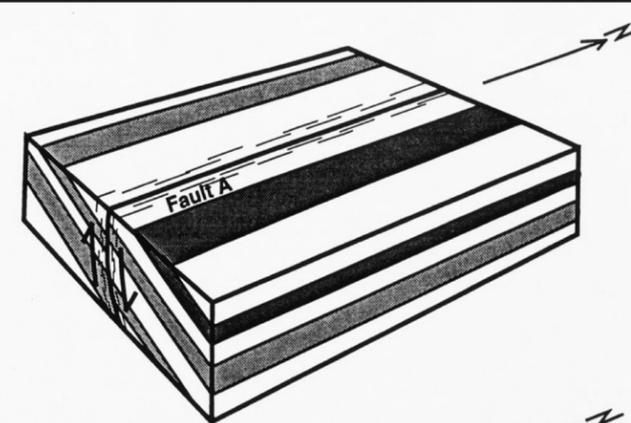
Source: Wooten et al. (2001)



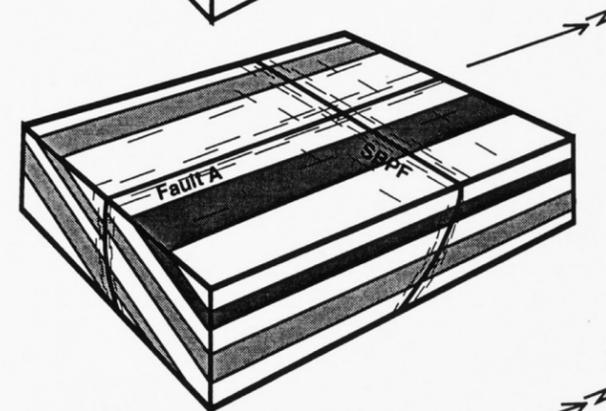
Source: Wooten et al. (2001)

B

- Stage 1:**
- Longitudinal basin faulting (Fault A)
 - Tilting of beds
 - Formation of north-striking, opening-mode fractures.

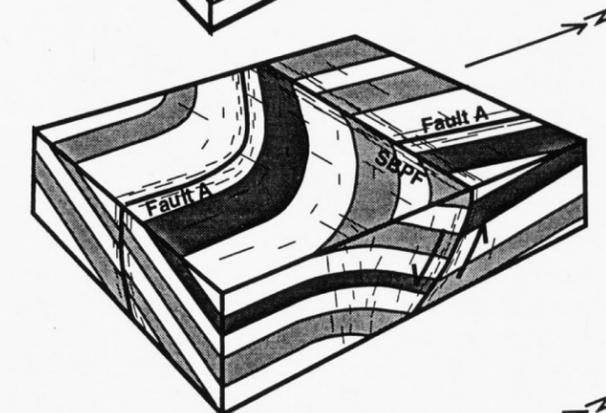


- Stage 2:**
- Transverse basin faulting
 - Initial formation of south borrow pit fault (SBPF).
 - East-striking, opening mode fractures



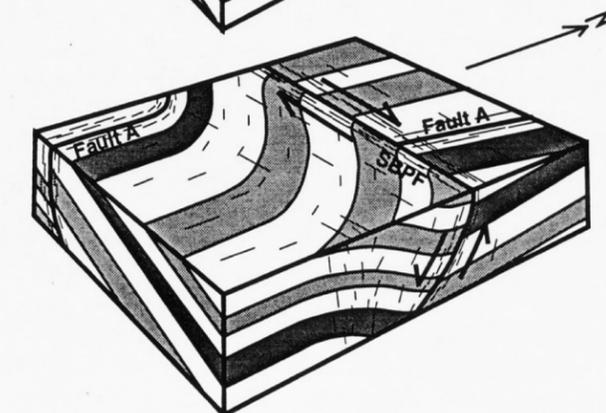
- Stage 2A:**
- Normal faulting
 - Formation of map-scale, hanging wall anticline.
 - East-striking, opening mode fractures.

Stages 2A and 2B may be coeval.



- Stage 2B:**
- Continued movement along SBPF.
 - Dextral, strike-slip faulting;
 - Formation of outcrop-scale, hanging wall syncline.
 - East- and north-striking shearing mode fractures.

Stages 2A and 2B may be coeval.



Schematic diagram showing a possible kinematic model for the south borrow pit fault and associate structures.

Source: Wooten et al. (1996)

Progress Energy Carolinas
**Shearon Harris Nuclear Power Plant
 Units 2 and 3**
Part 2, Final Safety Analysis Report
 New Hill, North Carolina

Schematic Block Diagram and
 Map Showing Structural Relations
 for Faults in the Site Area
 FIGURE 2.5.1-236