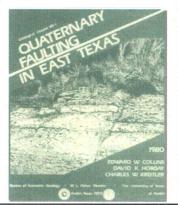
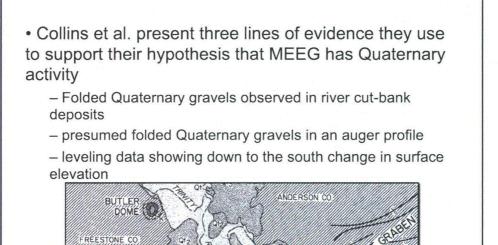


• Research on MEEG comes from studies predating EPRI-SOG (i.e., pre-1986)

• Dominant opinion is that MEEG is a salt-rooted structure, and any Quaternary deformation is likely related to salt migration (e.g., Ewing, 1991; Ferguson, 1984; Jackson, 1982; Murray, 1964)

 One study with results presented in grey literature suggests there has been Quaternary slip on MEEG faults (Collins et al., 1980)



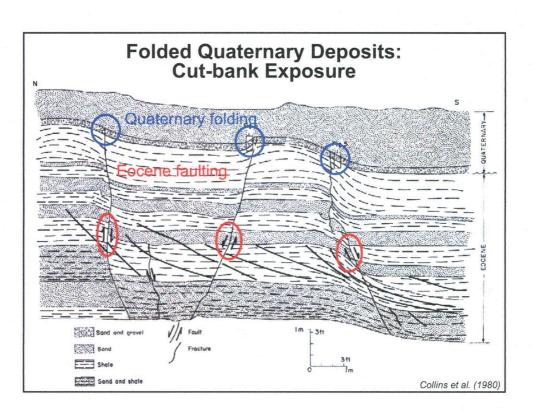


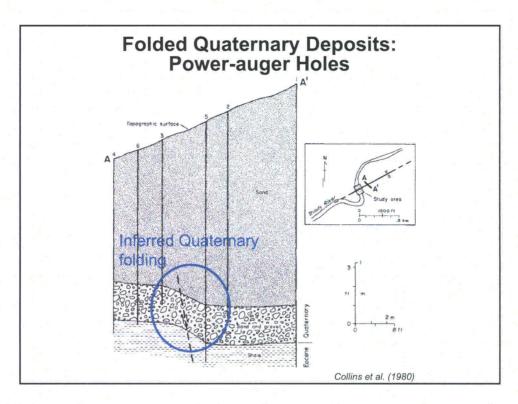
IOUSTON C

Collins et al. (1980)

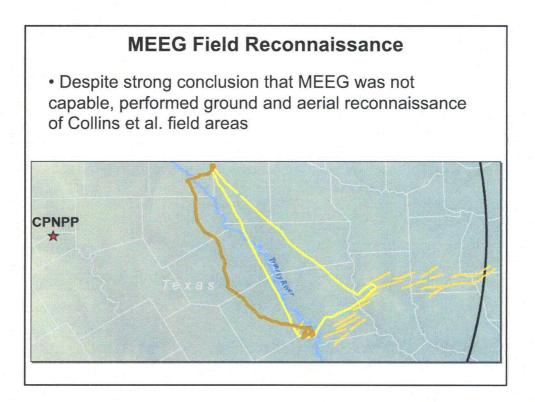
DOME

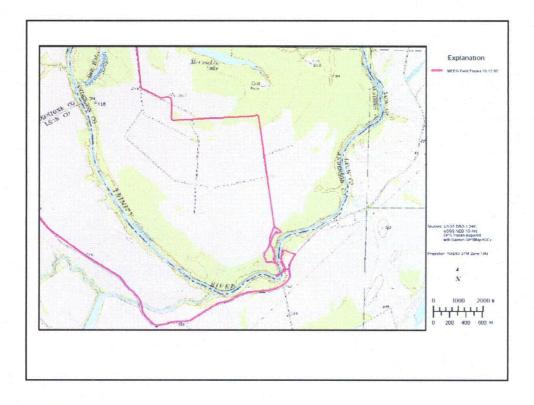
LEON CO

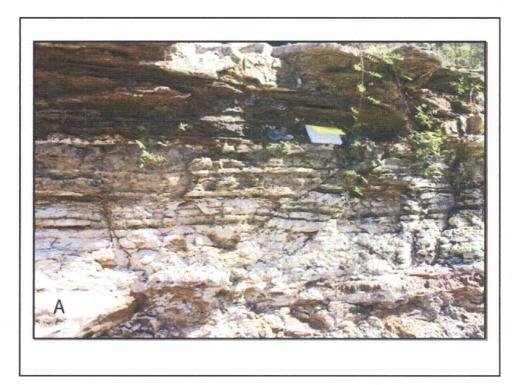


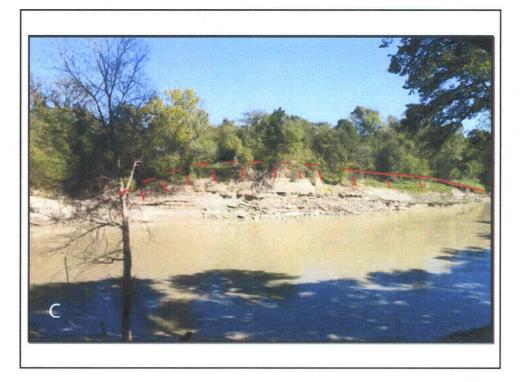


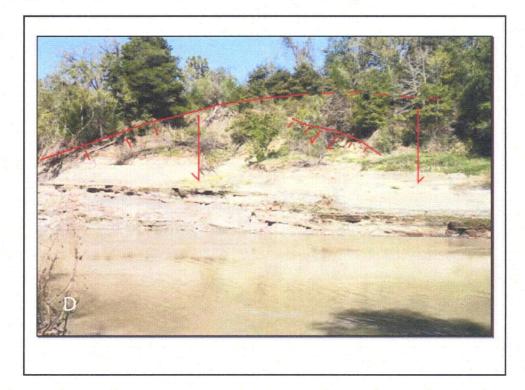
MEEG Capability Concluded not a capable fault based on: Shallow, salt driven deformation mechanism No evidence of seismogenic rupture Potentially folded Quaternary deposits show no evidence of scarp formation No observed or reported scarps Potential evidence for slow, aseismic creep Research on MEEG was pre-EPRI-SOG, so no new information to suggest inclusion as a source or a modified evaluation of capability

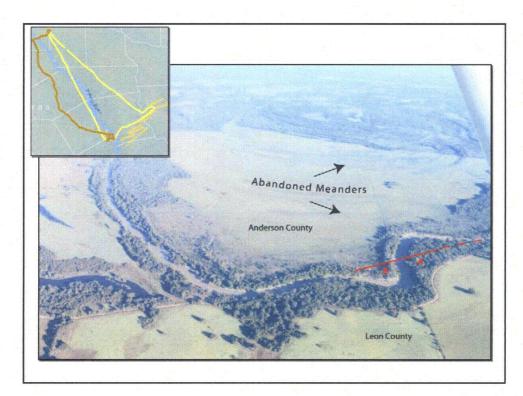










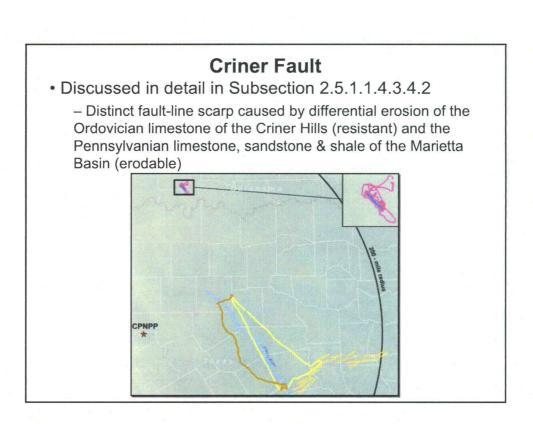


MEEG Field Reconnaissance - Conclusions

• Faulted Eocene rocks and potentially folded Quaternary sediments of Collins et al. (1980) are contained within a large river-bank slump and cannot be used as constraints on faulting

No evidence of folded Quaternary sediments was
 observed

• Therefore, no evidence to suggest MEEG is a capable fault

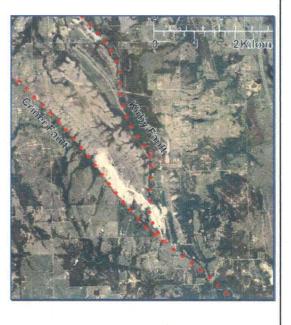


Criner Fault

• Potential for Quaternary deformation noted in unpublished consultant reports by Geomatrix (1990, 1993)

 Primarily based on observation of sheared Pleistocene to alluvium

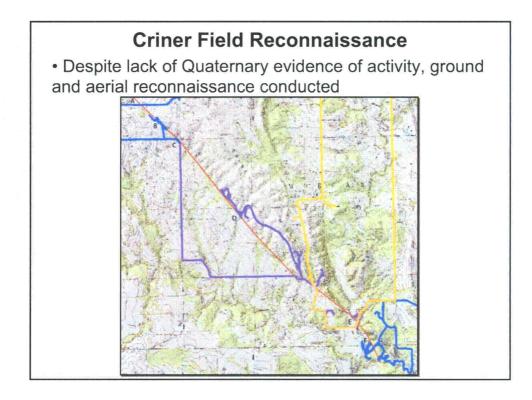
• Later studies demonstrated shearing was due to landslide (Williamson, 1996; Hanson et al., 1997)

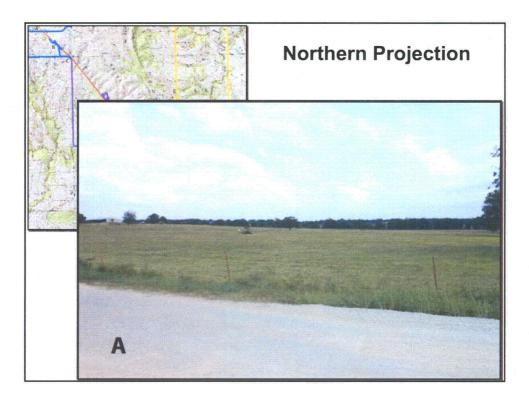


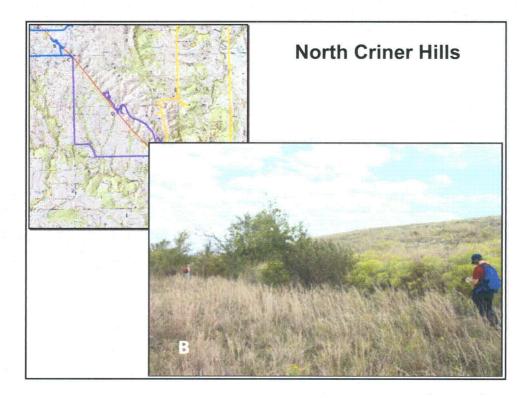
Criner Capability

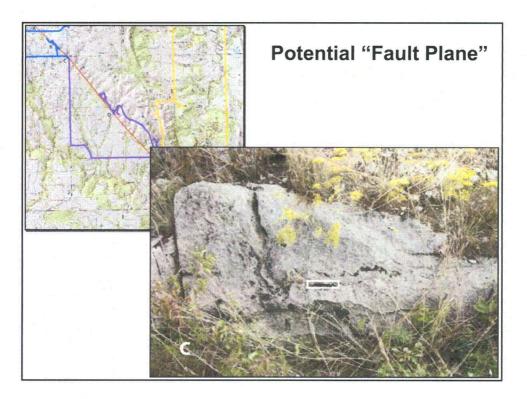
- · Concluded not a capable fault based on:
 - No evidence of Quaternary activity

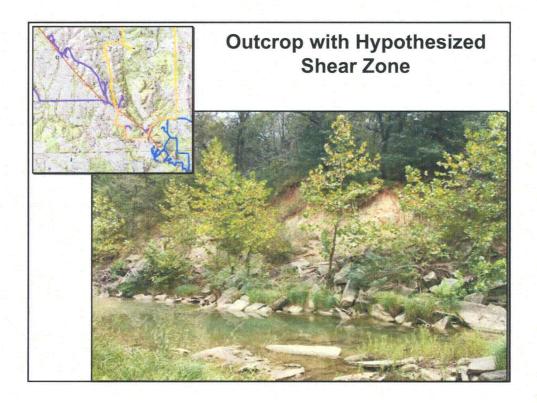
Previously hypothesized evidence was weak and has been reinterpreted

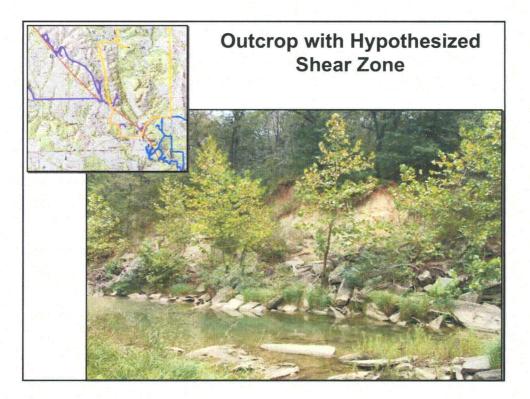


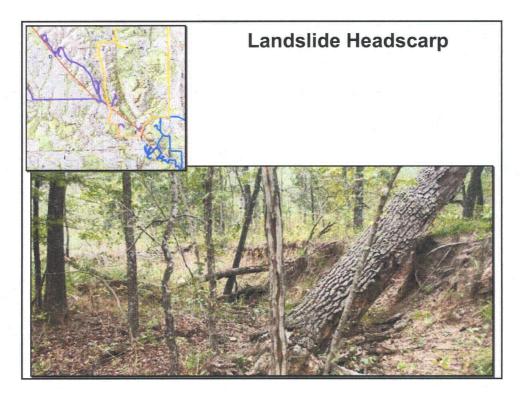












Criner Field Reconnaissance - Conclusions

- Hypothesized Pleistocene shearing is correlated to landslide
- No evidence of Quaternary faulting
- Therefore, no evidence to suggest Criner is a capable fault