

# Comanche Peak Nuclear Power Plant, Units 3 & 4

## COL Application

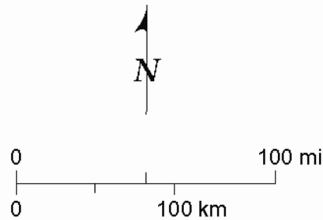
### Part 2, FSAR

#### Explanation

— Fault      — Cross-Section A-A' (Nicholas and Waddell, 1989)  
(see Figure 2.5.1-204)

*Geology (King and Beikman, 1974)*

Qh	Holocene	P3b	Upper part of Guadalupian Series
Qp	Pleistocene	P3	Guadalupian Series
Q	Quaternary	P3a	Lower part of Guadalupian Series
Tp	Pliocene	P2b	Upper part of Leonardian Series
Tpc	Pliocene continental	um	Ultramafic Rocks
Tm	Miocene	P2a	Lower part of Leonardian Series
Ti	Tertiary intrusive rocks	P2	Leonardian Series
To	Oligocene	P2ac	Early Leonardian continental
Te3	Eocene Jackson Group	P1	Wolfcampian Series
ITv	Lower Tertiary volcanic rocks	P1c	Wolfcampian Series continental
Te2	Eocene Claiborne Group	PP4	Virgilian Series
Te1	Eocene Wilcox Group	PP3	Missourian Series
Tx	Paleocene	PP2	Des Moinesian Series
Txc	Paleocene continental	PP	Pennsylvanian
uK4	Navarro Group	PP1a	Atokan and Morrowan Series
uK3	Taylor Group	PP1	Atokan and Morrowan Series, Jackfork SS
uK2	Austin and Eagle Ford Groups	M	Mississippian
uK1	Woodbine and Tuscaloosa Groups	DS	Devonian and Silurian
uK	Upper Cretaceous	IPz	Lower Paleozoic
IK3	Washita Group	O2	Middle Ordovician (Mohawkian)
IK2	Fredericksburg Group	O1	Lower Ordovician (Canadian)
IK1	Trinity Group	C	Cambrian
IK	Lower Cretaceous	Cg	Cambrian Granitic Rocks
J	Jurassic	Yg2	Younger Granitic Rocks
K	Cretaceous Intrusive Rocks	Ym	Paragneiss and Schist
Tr	Triassic		
P4	Ochoan Series		



Sources: Geology - USGS (King and Beikman, 1974)

Projection: NAD83 State Plane, Texas North Central (feet)

**Figure 2.5.1-202b Regional Geology Map Explanation**