

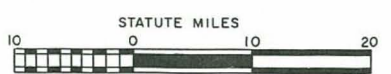
LEGEND:

55°

CENOZOIC	TERTIARY	Tm	WACCAMAW, DUPLIN AND HAWTHORN FORMATIONS
		Tc	CONGAREE, MCBEAN, WARLEY HILL & BARNWELL FORMATIONS
MESOZOIC	CRETACEOUS	Tbm	BLACK MINGO FORMATION
		Kbc	BLACK CREEK FORMATION
		Kt	TUSCALOOSA FORMATION
	UPPER TRIASSIC	Ru	UNDIFFERENTIATED; RED, BROWN AND PURPLE CLAYSTONE, SILTSTONE OR SANDSTONE
PALEOZOIC	PERMIAN THROUGH CARBONIFEROUS	Pgpn	GABBRO, PYROXENITE AND NORITE
		Pc	GRANITE OF EPISODE C
	CARBONIFEROUS	Ckm	ROCKS OF THE KINGS MOUNTAIN BELT (QUARTZITE, MARBLE, CONGLOMERATES AND SCHIST)
	ORDOVICIAN THROUGH CARBONIFEROUS	ODb	GRANITE OF EPISODE B
		ODu	GRANITE; UNDIVIDED
		OCsb	ROCKS OF THE SLATE BELT (METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS; UNDIVIDED)
	UPPER PRECAMBRIAN TO DEVONIAN	P&Dis	ROCKS OF THE INNER PIEDMONT BELT (QUARTZITE, SCHIST, HORNBLENDE AND BIOTITE GNEISS, AND MIGMATITE)
	PRECAMBRIAN THROUGH CAMBRIAN	EpCcb	ROCKS OF THE CHARLOTTE BELT (METAMORPHOSED, AND INFOLDED SCHIST, GNEISS AND MIGMATITE)

D — HIGH ANGLE FAULT — U = UPTHROWN SIDE  
 U — D = DOWNTOWN SIDE  
 DASHED WHERE INFERRED  
 ANTICLINE — DASHED WHERE INFERRED  
 SYNCLINE — DASHED WHERE INFERRED  
 TRIASSIC: DIABASE DIKES

REFERENCE:  
 THE BASE FOR THIS MAP WAS PREPARED FROM PORTIONS OF THE FOLLOWING USGS STATE BASE MAPS: SOUTH & NORTH CAROLINA, 1970. GEOLOGY ADAPTED IN PART FROM USGS BULLETIN 1183, 1965, FROM THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, MID-ATLANTIC REGION, 1970, AND SECOR & WAGNER, GEOLOGIC NOTES, DIVISION OF GEOLOGY, COLUMBIA, S. C. 1968, VOL XII, No. 4. EXTENSION OF FAULTS BASED ON WORK BY HOWELL (1976); TALWANI AND HOWELL (1976) AND LEVANDER AND TALWANI (1976) BY GEOPHYSICS



SOUTH CAROLINA ELECTRIC & GAS CO.  
 VIRGIL C. SUMMER NUCLEAR STATION

Regional Geologic Map

Amendment 0  
 August 1984

Figure 2.5-3