

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

Explanation

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| <p>———— Geologic contact</p> <p>▲▲▲▲▲ Thrust or reverse fault; sawteeth on upper plate, dashed where inferred, dotted where concealed</p> <p>U
D ——— Normal fault; U on upthrown side, D on downthrown side, dashed where inferred</p> <p>———— Fault for which sense of movement is unknown; dashed where inferred</p> | <p>————> Fault; arrows show relative directional movement</p> <p>—?—?—? Nature of contact uncertain (may possibly be a fault or a stratigraphic contact)</p> <p>C ——— C' Line of cross section</p> |
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	QUATERNARY	APPALACHIAN PLATEAUS PROVINCE	VALLEY AND RIDGE PROVINCE
	HOLOCENE	INTERIOR LOW PLATEAUS PROVINCE	(western part) (eastern part)
	PLEISTOCENE		
PENNSYLVANIAN		Ppv Pottsville Formation	
		Ppv1 _u Pottsville Formation (upper part)	Ppv2 _u Pottsville Formation (upper part)
		Ppv1 _l Pottsville Formation (lower part)	Ppv2 _l Pottsville Formation (lower part)
		Pmpwp Parkwood and Pennington Formations (undifferentiated)	PMpw Parkwood Formation
		Mp Pennington Formation	Pmpwp Parkwood and Pennington Formations (undifferentiated)
			Mbm Bangor and Monteagle Limestones (undiff.)
			Pzu Paleozoic Shale (undifferentiated)
			Mf Floyd Shale
			Pzu Parkwood Formation and Floyd Shale (undifferentiated)
			Mf Floyd Shale
MISSISSIPPIAN		Mh Hartselle Sandstone	Mh Hartselle Sandstone
		Mm Monteagle Limestone	Mm Monteagle Limestone
		Mpm Pride Mountain Formation	Mpm Pride Mountain Formation
		Mt Tuscumbria Limestone	Mtfp Tuscumbria Limestone and Fort Payne Chert (undifferentiated)
	Mfp Fort Payne Chert	Mtf Tuscumbria Limestone and Fort Payne Chert (undifferentiated)	
DEVONIAN		Dc Chattanooga Shale	Dc Chattanooga Shale
			Dofm Chattanooga Shale and Frog Mountain Sandstone (undiff.)
			Dfm Frog Mountain Sandstone
SILURIAN		Su Silurian System (undifferentiated)	Srm Red Mountain Formation
		Srm Red Mountain Formation	Srm Red Mountain Formation
ORDOVICIAN		Os Sequatchie Formation	Os Sequatchie Formation
		Olp Leipers Limestone	Oscmg Sequatchie Formation, Colvin Mountain Sandstone, Greensport Formation (undifferentiated)
		Oi Inman Formation	Ocm Colvin Mountain Sandstone
		Oc Chickamauga Limestone	Og Greensport Formation
		Oca Attalla Chert Conglomerate Member of the Chickamauga Limestone	Oa Athens Shale
		Ong Nashville Group	Oal Athens Shale and Lenoir Limestone (undifferentiated)
		Onsvr Nashville and Stones River Group (undifferentiated)	Oloi Little Oak and Lenoir Limestones (undifferentiated)
		Osr Stone River Group (undifferentiated)	Olo Little Oak Limestone
		OEk Knox Group (undifferentiated in part)	Olon Little Oak and Newala Limestones
		OEccr Chepultepec and Copper Ridge Dolomites (undifferentiated)	On Newala Limestone
		Onlv Newala and Longview Limestone (undifferentiated)	
		Ov Longview Limestone (undiff.)	
		OEccr Chepultepec and Copper Ridge Dolomites (undifferentiated)	
CAMBRIAN		Ek Ketona Dolomite	Ek Ketona Dolomite
		Ec Conasauga Formation	Ec Conasauga Formation
			Ec/Ecl Conasauga Formation
			Er Rome Formation
			Es Shady Dolomite
			Ech Chilhowee Group (undifferentiated)
		Ewwr Weisner and Wilson Ridge	
		En Nichols Formation	
		Ecn Cochran Formation	

(Reference 224)