RAS 12689

U.S. NUCLEAR REGULATORY COMMISSION
In the Matter of SYSTEM Energy Resources, I
Docket No. 52-009-ESP Official Exhibit No SERI-
OFFERED by: Applicant/Licensee Intervenor
NRC Staff Other
IDENTIFIED on 11/29/06 Witness/Panel
Action Taken: ADMITTED REJECTED WITHDR
Notes
Reporter/Clerk

Geologic Units Correlation Table-SERI Exhibit 4

UFSAR Classification		Geologic Age	ESP Classification		
Hydrology Sections	Geology and Geotechnical Sections		Geology and Geotechnical Sections (SSAR 2.5.1 - 2.5.6)	Hydrology Sections (ER 2.3 and SSAR 2.4)	
		Modern	Artificial fill (fill)		Artificial fill is defined as a separate unit for SSAR sections 2.5.1 - 2.5.6
Mississippi River alluvium Holocene alluvium Floodplain alluvium • Clay-silt alluvium • Sand-gravel alluvium	Mississippi River alluvium	Holocene	Mississippi River alluvium (young alluvium)	Mississippi River alluvium Holocene alluvium Floodplain alluvium • Clay-silt alluvium • Sand-gravel alluvium	Mississippi River alluvium is broken out into various subunits in ER section 2.3 and SSAR section 2.4
Loess	Loess	Pleistocene	Loess	Loess	
Upland terrace deposits • Upland alluvium • Pleistocene terrace deposits • Terrace sand and gravel	Terrace deposits (archaic)	Pleistocene	Upland Complex alluvium (alluvium) Upland Complex old alluvium (old alluvium)	Upland terrace deposits • Upland alluvium • Pleistocene terrace deposits • Terrace sand and gravel	Terrace deposits referenced in UFSAR are generally correlative with Upland Complex undifferentiated used in the ESP SSAR
Catahoula Formation	Catahoula Formation (archaic as used)	Mio-Pliocene	Catahoula Formation	Catahoula Formation	Weakly cemented sands in the upper part of the Cathoula Formation in the UFSAR are similar, and probably contemporaneous with, deposits in the ESP SSAR Upland Complex old alluvium

Modified November 22, 2006 1785 Grand Gulf GGNS ASLB

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