



INDIANA AND MICHIGAN POWER  
D. C. COOK NUCLEAR PLANT  
UPDATED FINAL SAFETY ANALYSIS REPORT

Revision: 16.1  
Table: 5.2-6  
Page: 1 of 1

(Refer to Fig. 5.2.2-6)

**SUMMARY OF DYNAMIC MOTIONS**

At Point	O.B.E.			D.B.E.		
	Relative Differential Of Vertical Motion	Relative Differential Of Horizontal Motion		Relative Differential Of Vertical Motion	Relative Differential Of Horizontal Motion	
		X Direction	Y Direction		X Direction	Y Direction
A	0.185"	0.234"	0.227"	0.253"	0.374"	0.344"
B	0.225"	0.234"	0.227"	0.321"	0.374"	0.344"
C	0.097"	0.149"	0.149"	0.187"	0.322"	0.289"
D	0.041"	0.180"	0.173"	0.071"	0.360"	0.330"
Betw. Aux. Bldg. & Turbine Bldg. E	0.094"	0.180"	0.173"	0.176"	0.360"	0.330"
Betw. Aux. Bldg. & Diesel Bldg. E	0.136"	0.169"	0.162"	0.276"	0.362"	0.299"
Betw. Diesel Bldg. & Turbine Bldg. E	0.094"	0.149"	0.149"	0.182"	0.322"	0.289"