Figure 3.1 Position of Penetrations for Zone-Control Detectors (see also Fig. 2.6 for position of detectors within penetrations)









Figure 3.3 SDS1 In-Core-Detector Locations

Figure 3.4 SDS2 In-Core-Detector Locations



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OCTECTOR 2H OW-FERENCED WITH SHI DETECTOR 8G DIFFERENCED WITH 4G DETECTOR 8J DIFFERENCED WITH 71

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Figure 3.5 Triplicated Logic for Shutdown–System–1







MODE NUMBER	DESIGNATION	SUBCRITICALITY MK	MODE SCHEMATIC (IDEALIZED)
0	Fundamental	0	+
1	First Azimuthal-A	16.2	+
2	First Azimuthal-B	16.9	
3	First Axial	27.1	+ _
4	Second Azimuthal-A	44.0	
5	Second Azimuthal-B	47.0	
6	First Azimuthal-A x First Axial	46.9	
7	First Azimuthal-B x First Axial	47.7	+ +
8	First Radial x Second Axial-A	66.3	(+) (+) (+)
9	First Radial x Second Axial-B	80.6	()+ (+) (+) ()+

Figure 3.7 Harmonic Modes for Flux-Mapping