

DETROIT EDISON - FERMI 2
AUTOMATED RECORD MANAGEMENT
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Fermi 2

Technical Requirements Manual

Volume I

Detroit
Edison

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Fire Detection Instrumentation

FUNCTION	FIRE DETECTION ZONE	TOTAL NUMBER OF INSTRUMENTS ^(a)			
		IONIZATION (X/Y)	PHOTOELECTRIC (X/Y)	THERMAL (X/Y)	INFRARED (X/Y)
1. Reactor Building ^(b)					
a. Torus area	1	8/0			
b. NW corner rooms RHR pump	2	4/0			
c. SW corner rooms RHR pump	3	4/0			
d. SE corner rooms CRD HPCI	4	9/0			
e. NE corner rooms RCIC	5	5/0			
f. First floor	7	31/0		-8/0-	
g. EECW system area second floor	10	21/0			
h. Third floor	15	23/0			
i. Fourth floor	17	21/0		2/0	
j. Refueling area, fifth floor	17	1/0			10/0
2. Auxiliary Building					
a. Basement N control air equipment	4	6/0			
b. Corridors, 562 ft, 563 ft	5	2/0	-2/0		
c. First floor mezzanine cable tray, 583 ft, 603 ft	6	17/0			
d. Switchgear room, corridor area second floor	9	10/0			
e. Cable tunnel	9	10/0			

(continued)

- (a) (X/Y) X is number of Function A (early-warning fire detection and notification only) instruments.
Y is number of Function B (actuation of fire suppression system and early warning and notification) instruments.

- (b) The fire detection instruments located within the containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate Tests.