

DETROIT EDISON - FERMI 2
AUTOMATED RECORD MANAGEMENT
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FERMI 2 TECHNICAL REQUIREMENTS MANUAL - VOL I
Revision 108 dated 7/24/14

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Fermi 2

Technical Requirements Manual

Volume I

**DTE
Energy**

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Date 7/24/14		Recipient 935	

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FUNCTION	FIRE DETECTION ZONE	TOTAL NUMBER OF INSTRUMENTS ^(a)			
		IONIZATION (X/Y)	PHOTOELECTRIC (X/Y)	THERMAL (X/Y)	INFRARED (X/Y)
2. Auxiliary Building (continued)					
f. Cable tray area second floor mezzanine	9A	0/22			
g. DC/MCC room, third floor	14	0/10			
h. Switchgear, battery and M-G rooms, third floor	14	14/0			
i. Fourth floor	16	6/0			
j. Fifth floor	16	25/0			
3. Control Center					
a. Relay room	8	0/27			
b. Cable spreading room	11	0/28			
c. Control room	12	52/0	4/0	2/0	
d. Computer room	13	0/4	0/9		
e. Computer room above drop ceiling	13	5/0	2/0		
4. RHR Complex					
a. Division I pump room	50	8/0			
b. Division II pump room	51	8/0			
c. EDG 11 room suppression				0/9	
d. EDG 12 room suppression				0/9	
e. EDG 13 room suppression				0/9	
f. EDG 14 room suppression				0/9	

(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.