

ATTACHMENT 2 TO AEP:NRC:0692CF

EXISTING TECHNICAL SPECIFICATIONS

PAGES MARKED TO REFLECT PROPOSED CHANGES

9205050337 920501
PDR ADOCK 05000315
P PDR

TABLE 3.3-10 (Continued)
Unit 1 and Common Area Fire Detection Systems

<u>Detector System Location</u>	<u>Total Number of Detectors</u>		
	<u>Heat</u> (x/y)*	<u>Flame</u> (x/y)*	<u>Smoke</u> (x/y)*
U1 Cable Tunnels			
a) Quad 1 Cable Tunnel		0/3	0/4
b) Quad 2 Cable Tunnel		0/4	0/7
c) Quad 3N		0/3	0/4
d) Quad 3S		0/3	0/3
e) Quad 3M		0/3	0/4
f) Quad 4		0/5	0/6
U1 Charcoal Filter Ventilation Units			
a) 2-HV-AES-1	0/1*****		
b) 2-HV-AES-2	0/1*****		
c) 2-HV-ACRF	0/1*****		
d) 2-HV-CIPX	0/1*****		
e) 2-HV-CPR	0/1*****		
f) 12-HV-AFX	0/1*****C		
U1 Containment*****			
a) RCP 1	1/0		
b) RCP 2	1/0		
c) RCP 3	1/0		
d) RCP 4	1/0		
e) Quad 1	19/0*****		
f) Quad 2	4/0*****		
g) Quad 3	23/0*****		
h) Quad 4	12/0*****		

e) Cable Trays

58/0 * * * * *

C (System protects area common to both Units 1 and 2

*(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 systems and early warning and notification) instruments.
 ***** Originally installed to automatically deluge charcoal filters. However, manual actions are now necessary.
 ***** The fire detection instruments located within the Containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate tests.

***** Thermistors located in cable trays are assigned to a quadrant based on the location of the thermistor circuit startpoint.

Thermistors are located within ^{all} cable trays which contain combustible cables, in both upper and lower containment throughout quadrants 1-4.

TABLE 3.3-11 (Continued)

Unit 2 and Common Area Fire Detection Systems

<u>Detection System Location</u>	<u>Total Number of Detectors</u>		
	<u>Heat</u> (x/y)*	<u>Flame</u> (x/y)*	<u>Smoke</u> (x/y)*
U2 Cable Tunnels			
a) Quad 1 Cable Tunnel		0/3	0/4
b) Quad 2 Cable Tunnel		0/4	0/7
c) Quad 3N		0/3	0/3
d) Quad 3S		0/3	0/4
e) Quad 3M		0/3	0/4
f) Quad 4		0/5	0/6
U2 Charcoal Filter Ventilation Units			
a) 2-HV-AES-1	0/1*****		
b) 2-HV-AES-2	0/1*****		
c) 2-HV-ACRF	0/1*****		
d) 2-HV-CIPX	0/1*****		
e) 2-HV-CPR	0/1*****		
f) 12-HV-AFX	0/1*****C		
U2 Containment*****			
a) RCP 1	1/0		
b) RCP 2	1/0		
c) RCP 3	1/0		
d) RCP 4	1/0		
e) Quad 1	16/0*****		
f) Quad 2	7/0*****		
g) Quad 3	29/0*****		
h) Quad 4	14/0*****		
e) Cable Trays			
	64/0	*****	*****

C (System protects area common to both Units 1 and 2

*(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 systems and early warning and notification) instruments.

***** Originally installed to automatically deluge charcoal filters. However, manual actions are now necessary.

***** The fire detection instruments located within the Containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate tests.

***** Thermistors located in cable trays are assigned to a quadrant based on the location of the thermistor circuit startpoint.

Thermistors are located within cable trays, which contain combustible cables, in both upper and lower containment throughout quadrants 1-4.

ATTACHMENT 3 TO AEP:NRC:0692CF

PROPOSED REVISED TECHNICAL SPECIFICATION PAGES

TABLE 3.3-11 (Continued)

Unit 2 and Common Area Fire Detection Systems

<u>Detection System Location</u>	<u>Total Number of Detectors</u>		
	<u>Heat</u> (x/y)*	<u>Flame</u> (x/y)*	<u>Smoke</u> (x/y)*
U2 Cable Tunnels			
a) Quad 1 Cable Tunnel		0/3	0/4
b) Quad 2 Cable Tunnel		0/4	0/7
c) Quad 3N		0/3	0/3
d) Quad 3S		0/3	0/4
e) Quad 3M		0/3	0/4
f) Quad 4		0/5	0/6
U2 Charcoal Filter Ventilation Units			
a) 2-HV-AES-1	0/1*****		
b) 2-HV-AES-2	0/1*****		
c) 2-HV-ACRF	0/1*****		
d) 2-HV-CIPX	0/1*****		
e) 2-HV-CPR	0/1*****		
f) 12-HV-AFX	0/1*****C		
U2 Containment*****			
a) RCP 1	1/0		
b) RCP 2	1/0		
c) RCP 3	1/0		
d) RCP 4	1/0		
e) Cable Trays	64/0*****		

C System protects area common to both Units 1 and 2

*(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 systems and early warning and notification) instruments.

***** Originally installed to automatically deluge charcoal filters. However, manual actions are now necessary.

***** The fire detection instruments located within the Containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate tests.

***** Thermistors are located within all cable trays which contain combustible cables, in both both upper and lower containment throughout quadrants 1-4.

TABLE 3.3-10 (Continued)
Unit 1 and Common Area Fire Detection Systems

<u>Detector System Location</u>	<u>Total Number of Detectors</u>		
	<u>Heat</u> (x/y)*	<u>Flame</u> (x/y)*	<u>Smoke</u> (x/y)*
U1 Cable Tunnels			
a) Quad 1 Cable Tunnel		0/3	0/4
b) Quad 2 Cable Tunnel		0/4	0/7
c) Quad 3N		0/3	0/4
d) Quad 3S		0/3	0/3
e) Quad 3M		0/3	0/4
f) Quad 4		0/5	0/6
U1 Charcoal Filter Ventilation Units			
a) 2-HV-AES-1	0/1*****		
b) 2-HV-AES-2	0/1*****		
c) 2-HV-ACRF	0/1*****		
d) 2-HV-CIPX	0/1*****		
e) 2-HV-CPR	0/1*****		
f) 12-HV-AFX	0/1*****C		
U1 Containment*****			
a) RCP 1	1/0		
b) RCP 2	1/0		
c) RCP 3	1/0		
d) RCP 4	1/0		
e) Cable Trays	58/0*****		

C System protects area common to both Units 1 and 2
 *(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 systems and early warning and notification) instruments.

***** Originally installed to automatically deluge charcoal filters. However, manual actions are now necessary.

***** The fire detection instruments located within the Containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate tests.

***** Thermistors are located within all cable trays which contain combustible cables, in both upper and lower containment throughout quadrants 1-4.