

QUAD CITIES DESCRIPTION

1. ACID INJECTION TANK (2-50,000 GAL.) & BUILD 3
2. AUXILIARY TRANSFORMER - UNIT-1
3. AUXILIARY TRANSFORMER - UNIT-2
4. CHEMICAL WASTE - SAMPLE TANK
5. CLEAN CONDENSATE STORAGE TANK (100,000 GAL.)
6. COIL-1 T.C. CONDENSATE TANKS (2) (300,000 GAL.)
7. COSEMENTAL BUILDING (1)
8. COSEMENTAL BUILDING (2)
9. COSEMENTAL BUILDING (3)
10. CRIB HOUSE (UNIT 1 & 2)
11. DIESEL GENERATOR ROOM
12. DIESEL OIL TANKS (1)
13. DISCHARGE FLUME
14. DISCHARGE FLUME SAMPLE PUMP
15. DISCHARGE PIPES
16. DRAIN
17. EMISSIONS MONITORING STATION (3)
18. EQUIPMENT ACCESS BUILDING
19. EQUIPMENT STORAGE (2)
20. FILTER HOUSE
21. FIRE CISTERN
22. FUEL TANK FACILITY BUILDING
23. FUEL TANK HOUSE
24. FUEL TANK SAMPLE TANK (21,000 GAL.)
25. FUEL TANK SURGE TANK (200,000 GAL.)
26. FUEL TANK STORAGE TANK
27. FUEL TANK HOUSE
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100. FUEL TANK HOUSE

TI
APERTURE
CARD



| REV | DATE | DESCRIPTION | DRAWN | CHECKED | ENGR. APPROVAL |
|-----|---------|--|-------|---------|----------------|
| A | 4-2-84 | CHSD. DWG. NO. FROM 5-B-1-M-1 | | | |
| B | 5-31-85 | ADDED SITE NO. 8 (DIO4-2.8) FROM 1 TO DIO4-3 | | | |

QUAD CITIES STATION
UNITS 1 & 2

ON-SITE RADIOLOGICAL
SAMPLING/MONITORING
LOCATIONS

| EOF 2 | | MORRISON 00 | |
|-----------------|----------------------------|------------------------|------------------|
| SCALE 1" = 300' | CHECKED 5-8-82 | COMMONWEALTH EDISON CO | CHICAGO ILLINOIS |
| ENGINEER 5-8-82 | TECHNICAL SERVICES NUCLEAR | | |
| APPROVED 5-8-82 | EOF 2-A-010 | | |

COMMONWEALTH EDISON COMPANY

| NO. | COORDINATES | COORDINATES | COORDINATES |
|------|----------------|-------------|-------------|
| A-2 | 358.50° 365' | 111.25M | |
| B-1 | 21.00° 370' | 112.77M | |
| B-2 | 31.00° 950' | 289.56M | |
| B-3 | 21.00° 970' | 283.66M | |
| B-4 | 23.75° 1,320' | 402.33M | |
| B-5 | 23.50° 3,050' | 929.64M | |
| C-1 | 43.50° 220' | 87.02M | |
| C-2 | 47.00° 1,070' | 326.13M | |
| C-3 | 39.25° 3,720' | 1,133.85M | |
| D-1 | 63.75° 890' | 271.27M | |
| D-2 | 58.75° 2,860' | 871.72M | |
| D-3 | 57.50° 6,280' | 1,914.18M | |
| D-4 | 90.50° 990' | 280.79M | |
| E-1 | 87.00° 2,640' | 804.67M | |
| E-2 | 80.50° 4,310' | 1,313.68M | |
| E-3 | 111.00° 825' | 251.66M | |
| F-1 | 106.75° 2,740' | 835.15M | |
| F-2 | 113.00° 3,720' | 1,133.85M | |
| F-3 | 132.25° 1,020' | 310.89M | |
| G-1 | 138.50° 2,940' | 908.30M | |
| G-2 | 133.00° 4,000' | 1,219.20M | |
| G-3 | 165.50° 700' | 213.36M | |
| H-1 | 163.00° 3,340' | 1,018.03M | |
| H-2 | 180.00° 620' | 188.97M | |
| H-3 | 178.50° 2,650' | 807.77M | |
| H-4 | 177.50° 5,550' | 1,691.64M | |
| H-5 | 205.00° 480' | 146.30M | |
| H-6 | 196.00° 1,560' | 475.49M | |
| H-7 | 197.50° 570' | 173.73M | |
| H-8 | 215.00° 1,100' | 335.29M | |
| H-9 | 254.00° 675' | 206.74M | |
| H-10 | 272.50° 790' | 118.87M | |
| H-11 | 294.00° 510' | 155.44M | |
| H-12 | 111.75° 605' | 184.40M | |
| H-13 | 327.75° 625' | 190.50M | |

FIXED AIR SAMPLING SITE (TLD)

| | | |
|-----|----------------|---------|
| A-1 | 7.00° 1,750' | 533.40M |
| D-2 | 69.25° 1,980' | 603.50M |
| J-3 | 177.50° 2,960' | 902.20M |

SPECIAL SAMPLING SITE (TLD)

| | | |
|--------|----------------|-----------|
| A101-1 | 3.75° 3,515' | 1,071.37M |
| A101-2 | 7.50° 3,350' | 1,025.88M |
| A101-3 | 56.25° 6,480' | 1,915.10M |
| D104-1 | 59.50° 5,980' | 1,822.70M |
| D104-2 | 76.75° 5,020' | 1,530.09M |
| D104-3 | 76.75° 3,350' | 1,021.08M |
| E105-1 | 90.50° 3,970' | 1,210.05M |
| F106-1 | 108.50° 3,725' | 1,135.38M |
| F106-2 | 117.50° 3,740' | 1,139.95M |
| G107-1 | 127.75° 3,680' | 1,182.62M |
| G107-2 | 137.00° 4,130' | 1,258.82M |
| G107-3 | 146.00° 4,560' | 1,389.89M |
| H108-1 | 154.50° 5,090' | 1,551.43M |
| H108-2 | 166.50° 4,720' | 1,434.65M |
| J109-1 | 176.00° 4,580' | 1,393.03M |
| J109-2 | 178.50° 5,175' | 1,577.34M |

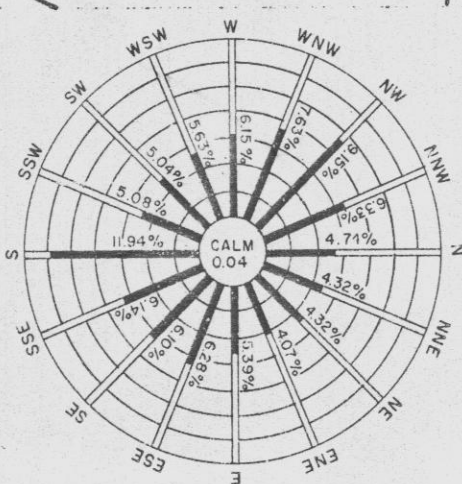
EMERGENCY OPERATIONS FACILITY

| | | |
|-----|-------------|---------|
| B-2 | 31.00° 950' | 289.56M |
|-----|-------------|---------|

METEOROLOGICAL TOWER

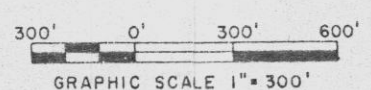
| | | |
|--------|----------------|-----------|
| H108-2 | 166.50° 4,820' | 1,469.13M |
|--------|----------------|-----------|

feet x .3048 = Meters



TOTAL % OF WINDS
FROM INDICATED DIRECTION
1-1-74 TO 12-31-75
QUAD CITIES - 35' LEVEL
RECORDING STATION

NOTE:
MICROWAVE TOWER COORDINATES MEASURED
FROM BASE LINES SET AT 0+00N-S &
0+00E-W



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