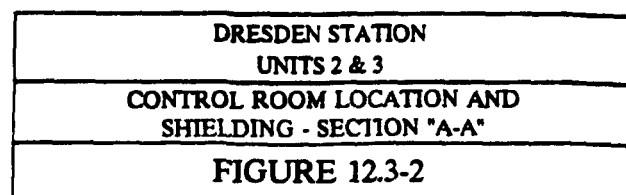


|   |
|---|
| DRESDEN STATION<br>UNITS 2 & 3                      |
| CONTROL ROOM LOCATION AND<br>SHIELDING GENERAL PLAN |
| FIGURE 12.3-1                                       |







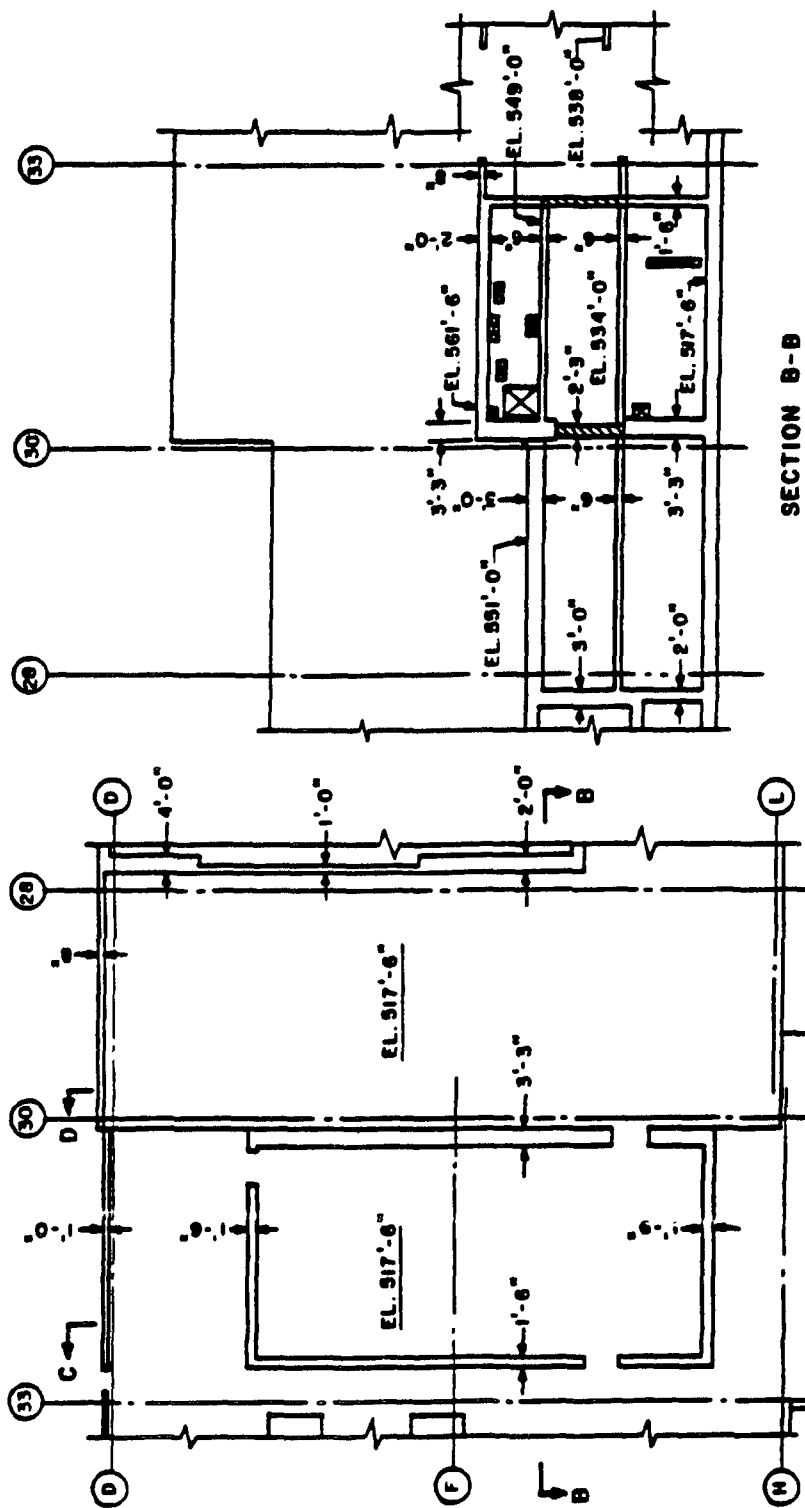
# Security Related Information Figure Withheld Under 10CFR 2.390

DRESDEN STATION  
UNITS 2 & 3

CONTROL ROOM LOCATION AND SHIELDING  
PLANS AT 534', 549' & 551'

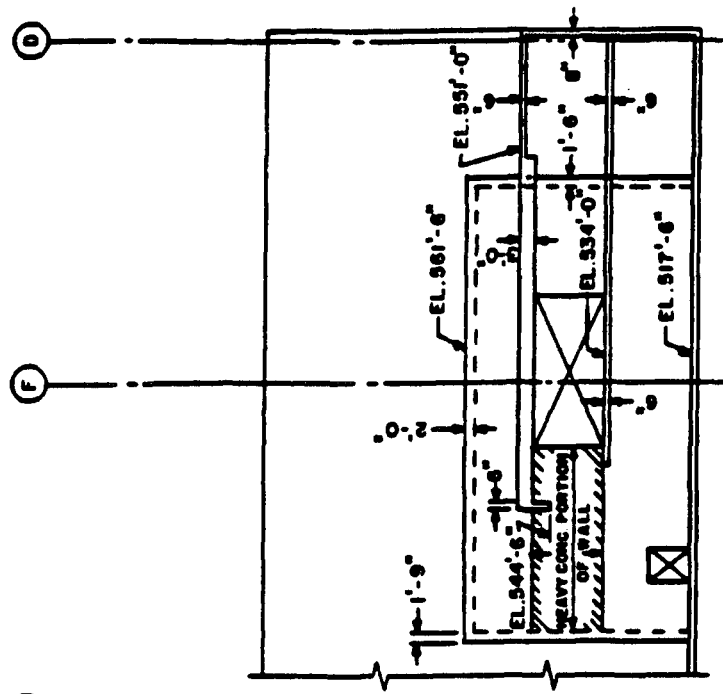
FIGURE 12.3-3



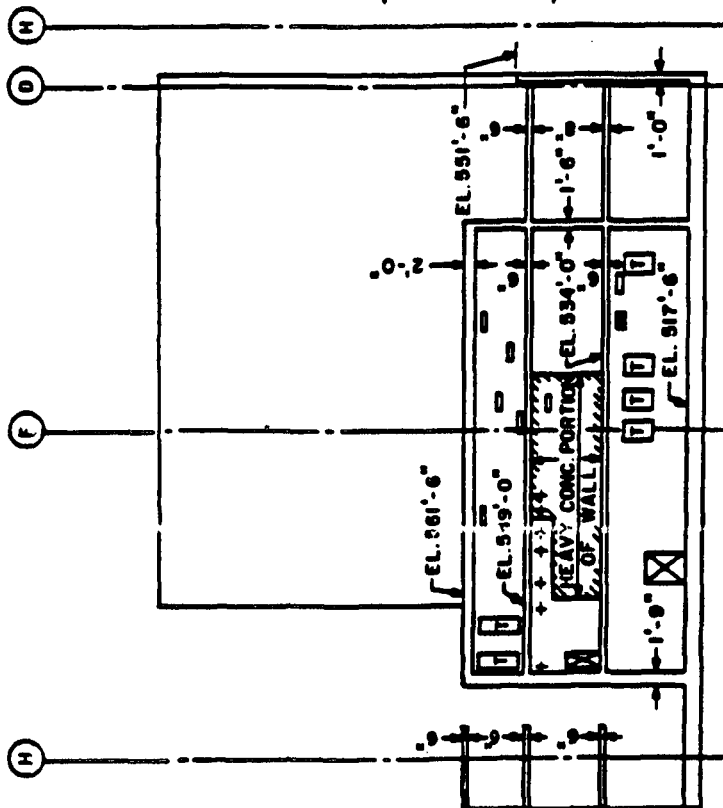


|   |
|---|
| DRESDEN STATION<br>UNITS 2 & 3                                    |
| CONTROL ROOM LOCATION AND SHIELDING<br>PLAN AT 517' SECTION "B-B" |
| FIGURE 12.3-4   |





SECTION D-D



SECTION C-C

□ DENOTES TIERS OF PENETRATIONS.

DRESDEN STATION  
UNITS 2 & 3  
CONTROL ROOM LOCATION AND SHIELDING  
SECTIONS "C-C" AND "D-D"

FIGURE 12.3-5



Security Related Information Figure  
Withheld Under 10CFR 2.390

LOCATION OF RADIATION  
MONITORS SAMPLE POINTS &  
MAJOR RADIATION SOURCES  
POST ACCIDENT  
RADIATION ZONE MAPS  
PROPERTY PLAT  
DRESDEN NUCLEAR POWER  
STATION UNITS 1&2  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

SARGENT & LUNDY  
CHICAGO  
DRAWING NO  
FIG.1

FIGURE 12A-1



# Security Related Information Figure Withheld Under 10CFR 2.390

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LINE BREAK CASE  
TIME = 1 HOUR  
POST ACCIDENT  
RADIATION ZONE MAPS  
PROPERTY PLAT  
DRESDEN NUCLEAR POWER  
STATION UNIT 2 & 3  
COMMONWEALTH EDISON CO  
CHICAGO ILLINOIS

SARGENT & LUNDY  
CHICAGO  
DRAWING NO  
FIG. 1A

FIGURE 12A-1A



FIG.1B

# Security Related Information Figure Withheld Under 10CFR 2.390

|   |        |
|---|--------|
| LINE BREAK CASE<br>TIME = 1 DAY   |        |
| POST ACCIDENT<br>RADIATION ZONE MAPS<br>PROPERTY PLAT<br>DRESDEN NUCLEAR POWER<br>STATION UNIT 2 & 3<br>COMMONWEALTH EDISON CO.<br>CHICAGO ILLINOIS |        |
| SARGENT & LUNDY<br>CHICAGO  |        |
| DRAWING NO.   | FIG.1B |

FIGURE 12A-1B



FIG 1C

# Security Related Information Figure Withheld Under 10CFR 2.390

LINE BREAK CASE  
TIME=1 WEEK  
POST ACCIDENT  
RADIATION ZONE MAPS  
PROPERTY PLAT  
DRESDEN NUCLEAR POWER  
STATION UNIT 2 & 3  
COMMONWEALTH EDISON CO  
CHICAGO ILLINOIS

SARGENT & LUNDY  
CHICAGO  
DRAWING NO.  
FIG.1C

FIGURE 12A-1C



FIG 1D

Security Related Information Figure Withheld  
Under 10CFR 2.390

|  |  |
|--|--|
| NON LINE BREAK CASE<br>TIME = 1 HOUR   |  |
| POST ACCIDENT<br>RADIATION ZONE MAPS<br>PROPERTY PLAT                                      |  |
| DRESDEN NUCLEAR POWER<br>STATION UNIT 2 & 3<br>COMMONWEALTH EDISON CO.<br>CHICAGO ILLINOIS |  |
| SARGENT & LUNDY<br>ENGINEERS<br>CHICAGO  |  |
| DRAWING NO<br>FIG. 1D  |  |

FIGURE 12A-1D



FIG 1E

# Security Related Information Figure Withheld Under 10CFR 2.390

NON-LINE BREAK CASE  
TIME = 1 DAY  
POST ACCIDENT  
RADIATION ZONE MAPS  
PROPERTY PLAT  
DRESDEN NUCLEAR POWER  
STATION UNIT 2 & 3  
COMMONWEALTH EDISON CO.  
CHICAGO ILLINOIS

SARGENT & LUNDY  
CHICAGO  
DRAWING NO  
FIG 1E

FIGURE 12A-1E



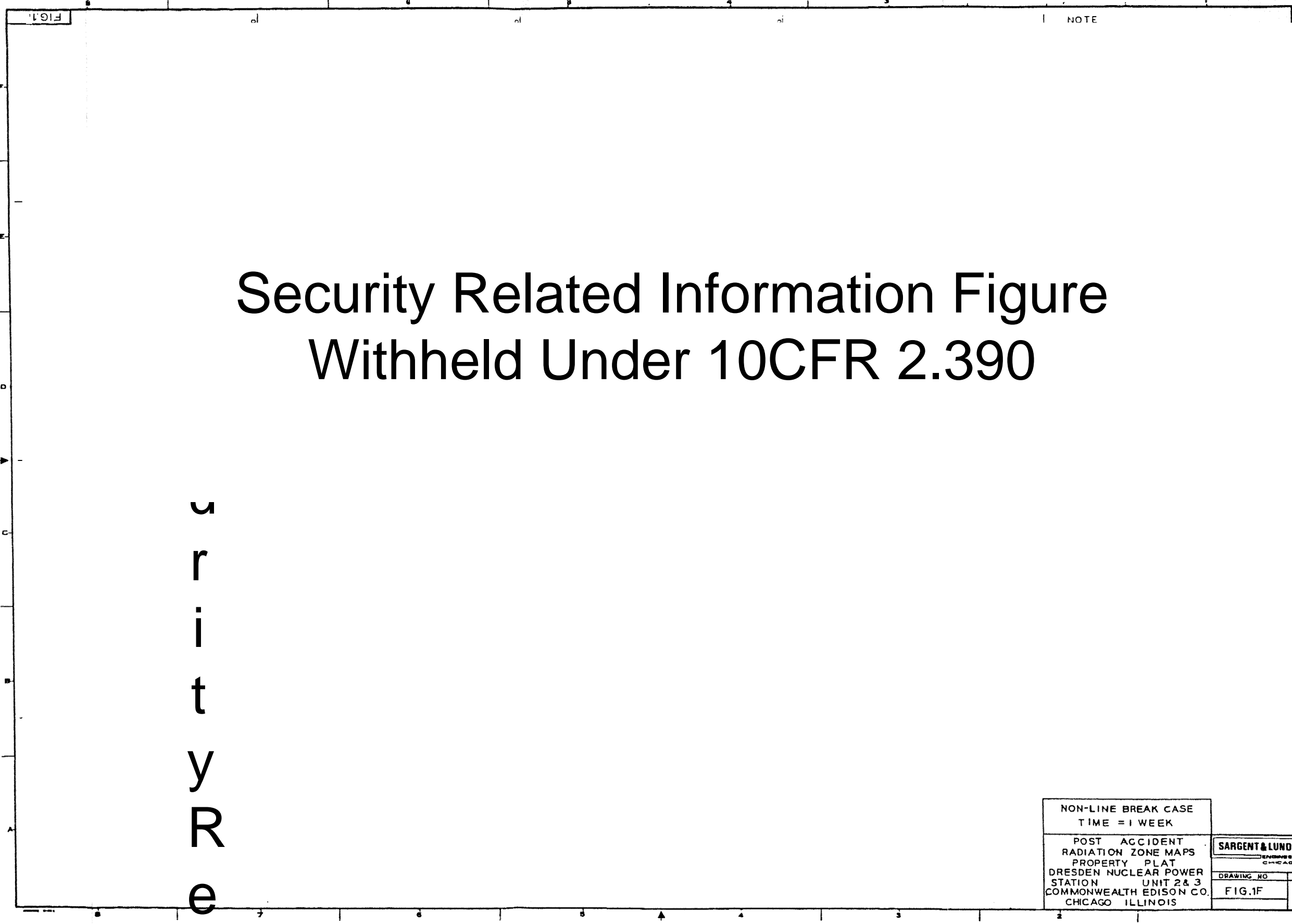


FIG.1F

NOTE

# Security Related Information Figure Withheld Under 10CFR 2.390

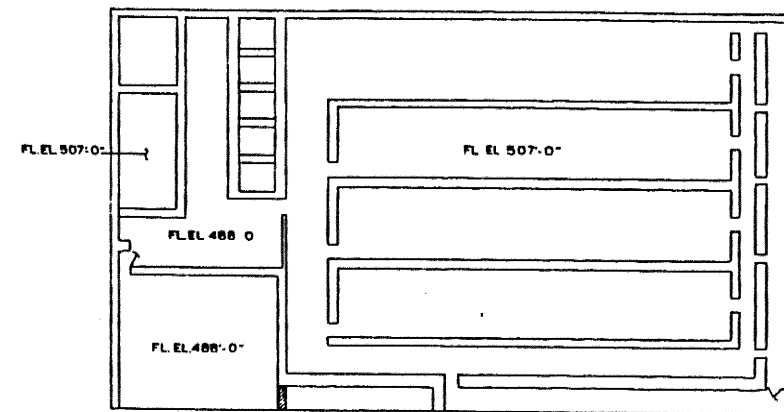
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|   |                       |
|---|-----------------------|
| NON-LINE BREAK CASE<br>TIME = 1 WEEK  |                       |
| POST ACCIDENT<br>RADIATION ZONE MAPS<br>PROPERTY PLAT<br>DRESDEN NUCLEAR POWER<br>STATION UNIT 2&3<br>COMMONWEALTH EDISON CO.<br>CHICAGO ILLINOIS |                       |
| SARGENT & LUNDY<br>ENGINEERS<br>CHICAGO   | DRAWING NO.<br>FIG.1F |

FIGURE 12A-1F



FIG. 2

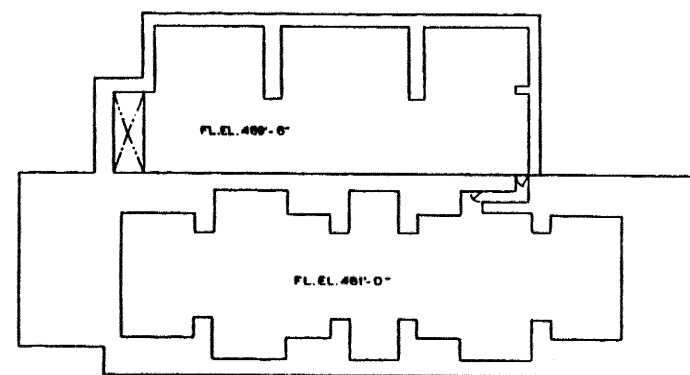


RADWASTE BUILDING

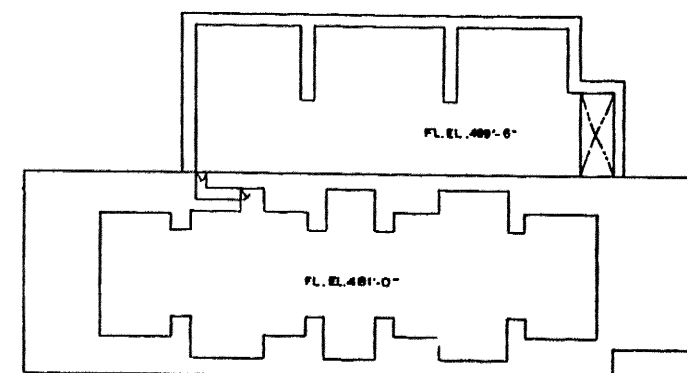
RADIATION ZONE DESIGNATIONS

|  |                       |  |                       |
|--|-----------------------|--|-----------------------|
|  | GREATER THAN 500 R/hr |  | 0.1-1 R/hr            |
|  | 100-500 R/hr          |  | 0.015-0.1 R/hr        |
|  | 10-100 R/hr           |  | LESS THAN 0.015 R/hr  |
|  | 1-10 R/hr             |  | NORMAL SHUTDOWN LEVEL |

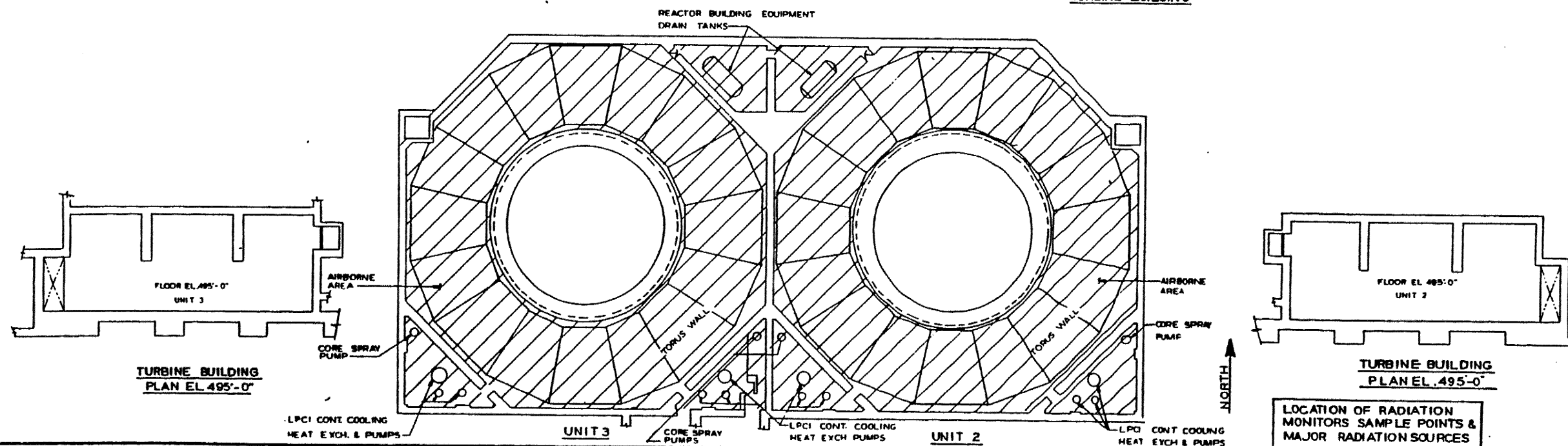
10' 8' 0' 8' 16' 24' 32'  
GRAPHIC SCALE



TURBINE BUILDING



TURBINE BUILDING



TURBINE BUILDING  
PLAN EL. 495'-0"

TURBINE BUILDING  
PLAN EL. 495'-0"

LOCATION OF RADIATION  
MONITORS SAMPLE POINTS &  
MAJOR RADIATION SOURCES

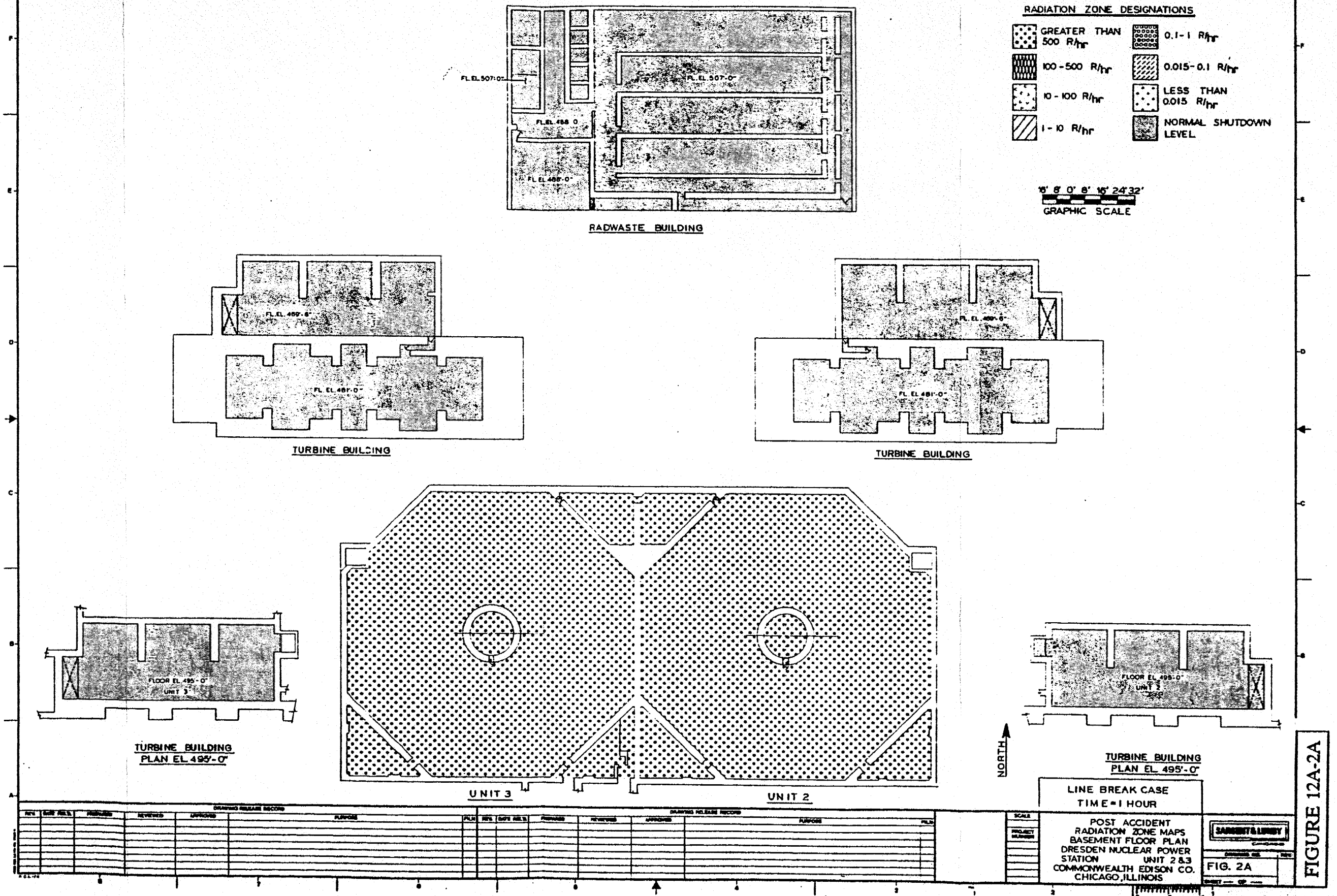
POST ACCIDENT  
RADIATION ZONE MAPS  
BASEMENT FLOOR PLAN  
DRESDEN NUCLEAR POWER  
STATION UNIT 2 & 3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

SARGENT & LUNDY  
ENGINEERS  
FIG. 2

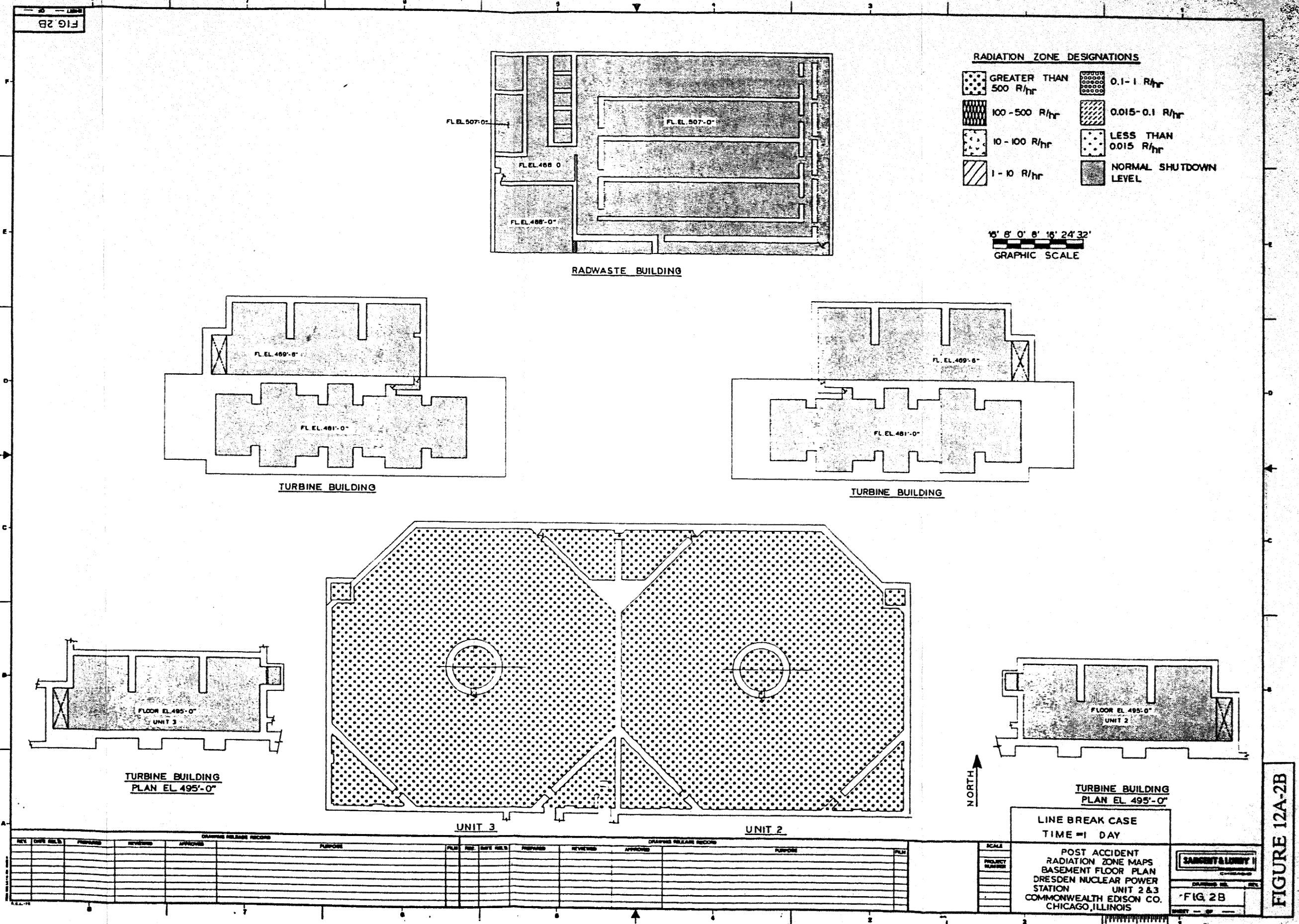
FIGURE 12A-2



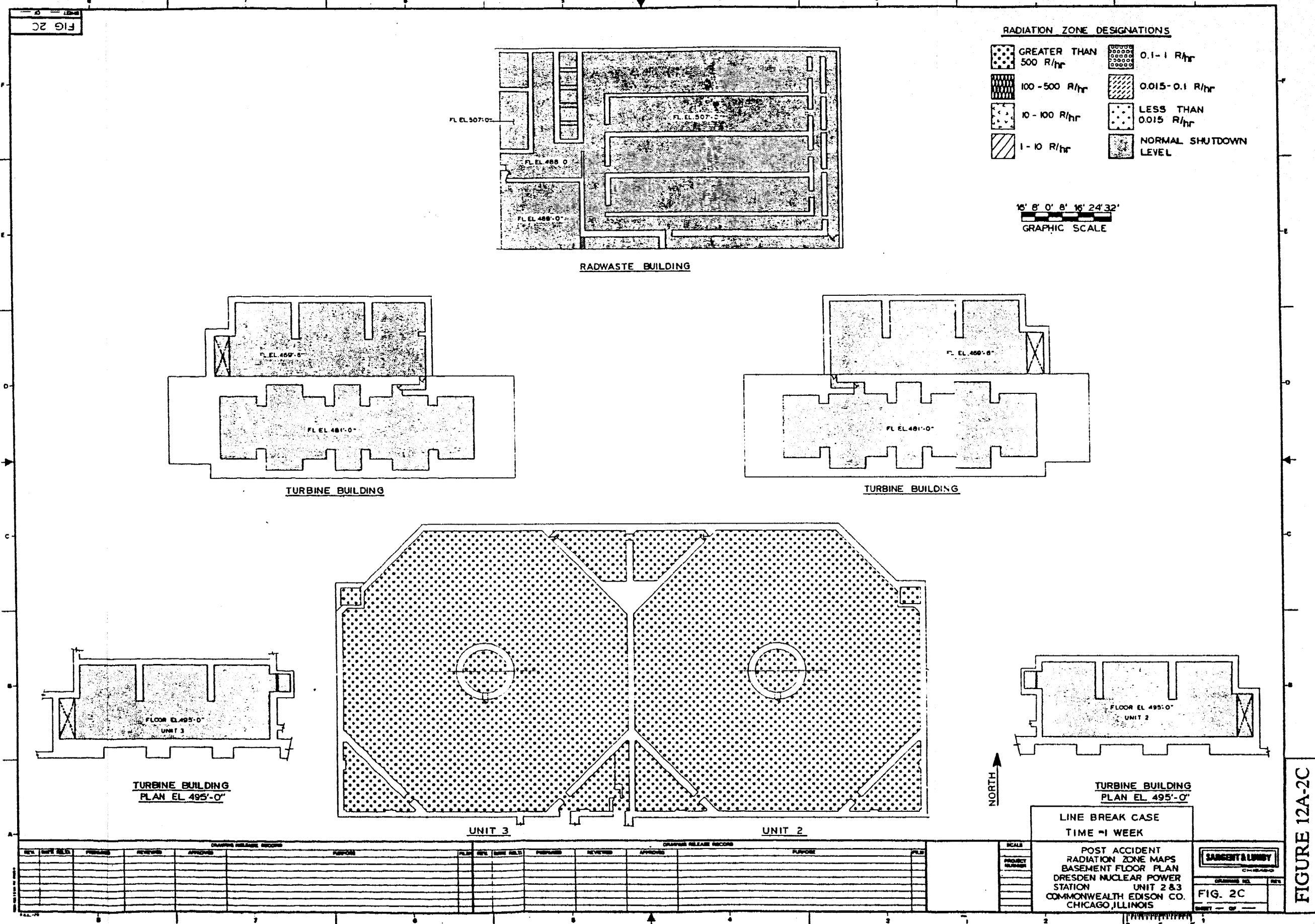
FIG. 2A



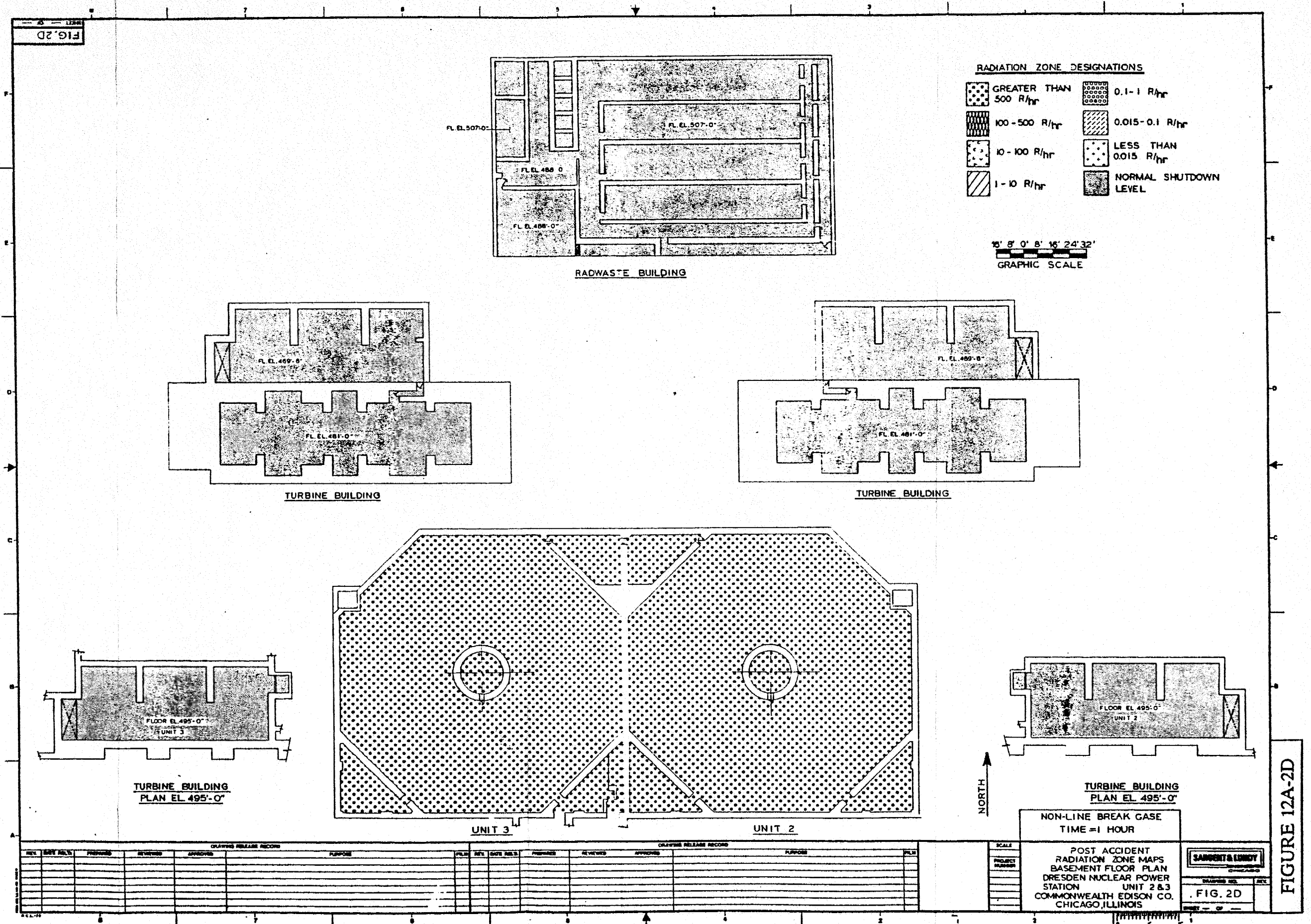














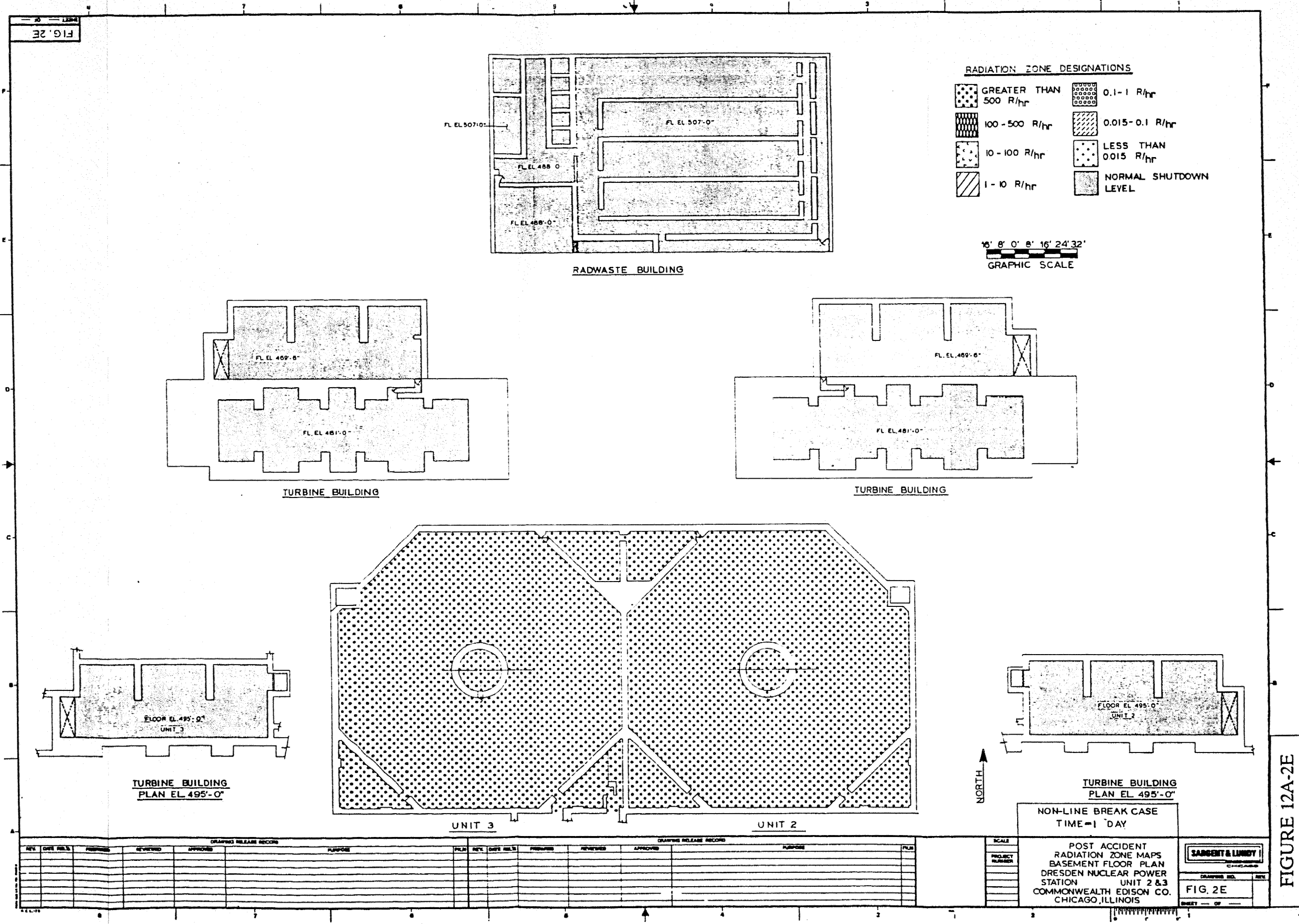
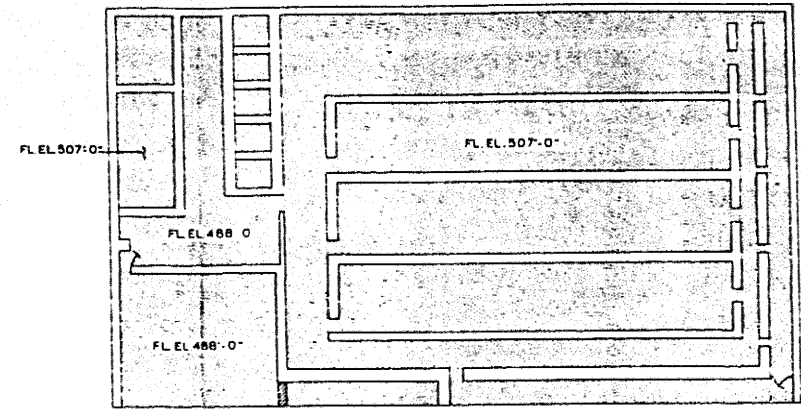




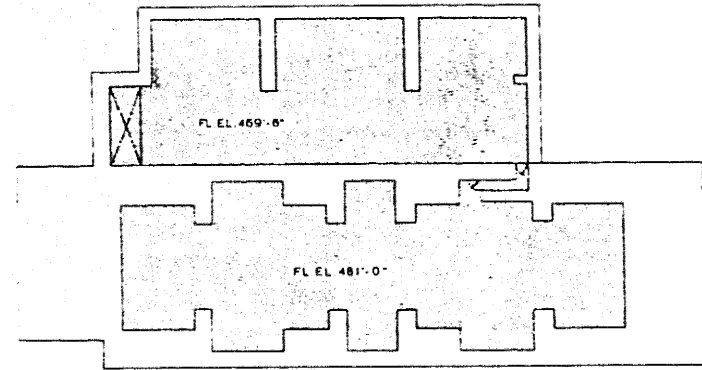
FIG. 2F



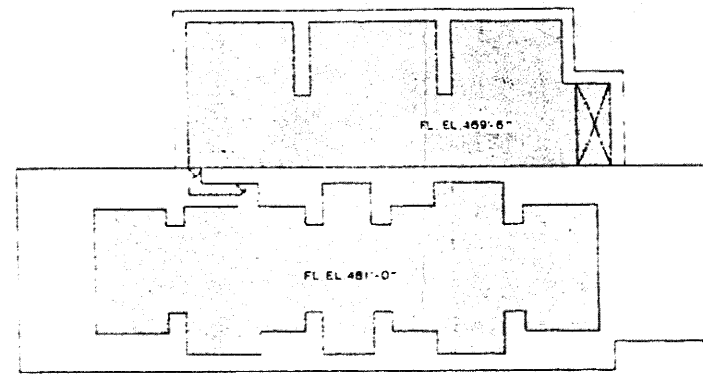
RADWASTE BUILDING

| RADIATION ZONE DESIGNATIONS |                       |  |                       |
|-----------------------------|-----------------------|--|-----------------------|
|                             | GREATER THAN 500 R/hr |  | 0.1-1 R/hr            |
|                             | 100-500 R/hr          |  | 0.015-0.1 R/hr        |
|                             | 10-100 R/hr           |  | LESS THAN 0.015 R/hr  |
|                             | 1-10 R/hr             |  | NORMAL SHUTDOWN LEVEL |

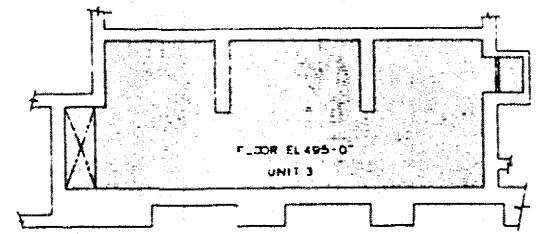
16' 8" 0' 8" 16' 2" 32'  
GRAPHIC SCALE



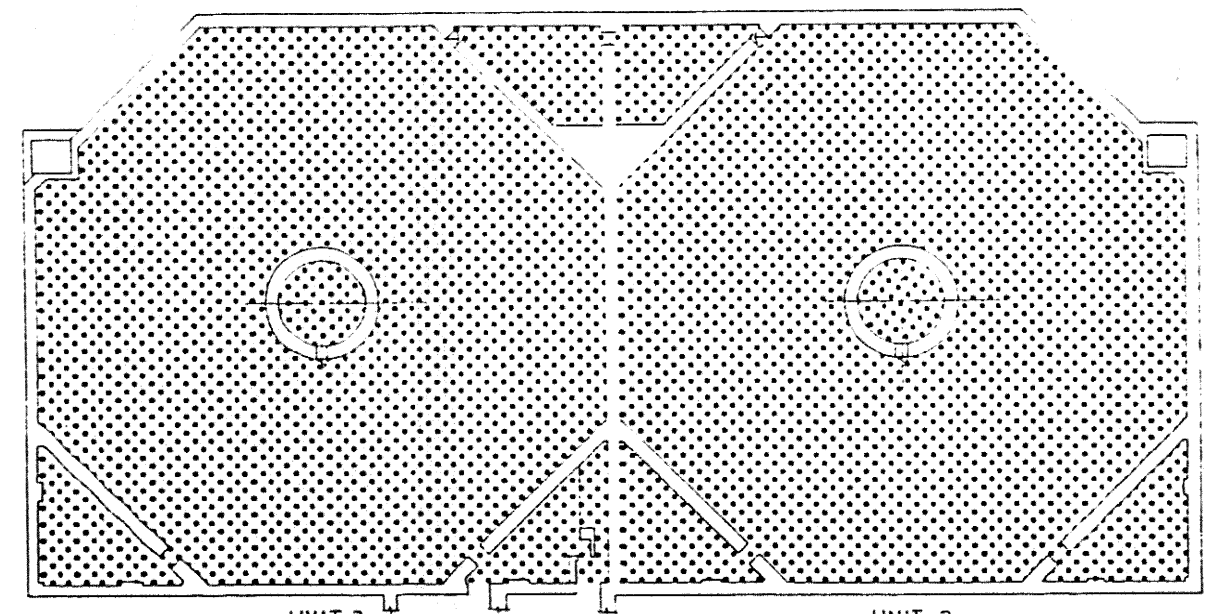
TURBINE BUILDING



TURBINE BUILDING

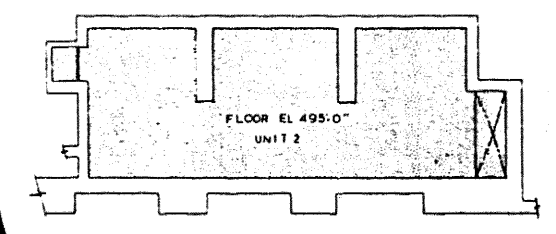


TURBINE BUILDING  
PLAN EL 495'-0"



UNIT 3

UNIT 2



TURBINE BUILDING  
PLAN EL 495'-0"

NORTH

| DRAWING RELEASE RECORD |      |     |          |          | DRAWING RELEASE RECORD |     |      |     |         |
|------------------------|------|-----|----------|----------|------------------------|-----|------|-----|---------|
| REV                    | DATE | NO. | PREPARED | APPROVED | PURPOSE                | REV | DATE | NO. | PURPOSE |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |
|                        |      |     |          |          |                        |     |      |     |         |

NON-LIVE BREAK CASE  
TIME = 1 WEEK

POST ACCIDENT  
RADIATION ZONE MAPS  
BASEMENT FLOOR PLAN  
DRESDEN NUCLEAR POWER  
STATION UNIT 2 & 3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

SARGENT & LUNDY  
CHICAGO  
DRAWING NO. FIG. 2F  
REV.

FIGURE 12A-2F



FIG. 3

# Security Related Information Figure Withheld Under 10CFR 2.390

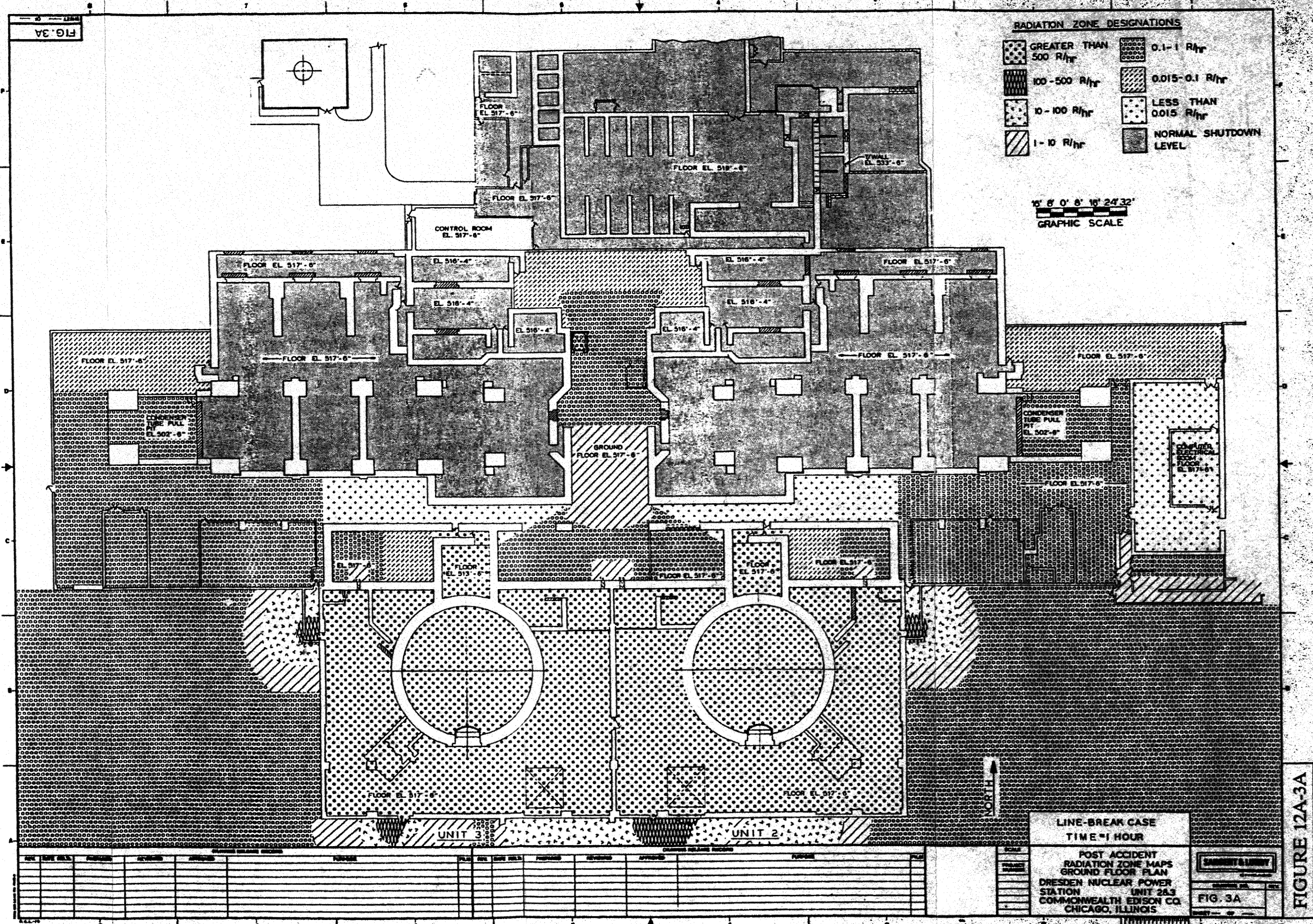
LOCATION OF RADIATION  
MONITORS SAMPLE POINTS &  
MAJOR RADIATION SOURCES

POST ACCIDENT  
RADIATION ZONE MAPS  
GROUND FLOOR PLAN  
DRESDEN NUCLEAR POWER  
STATION UNIT 2&3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

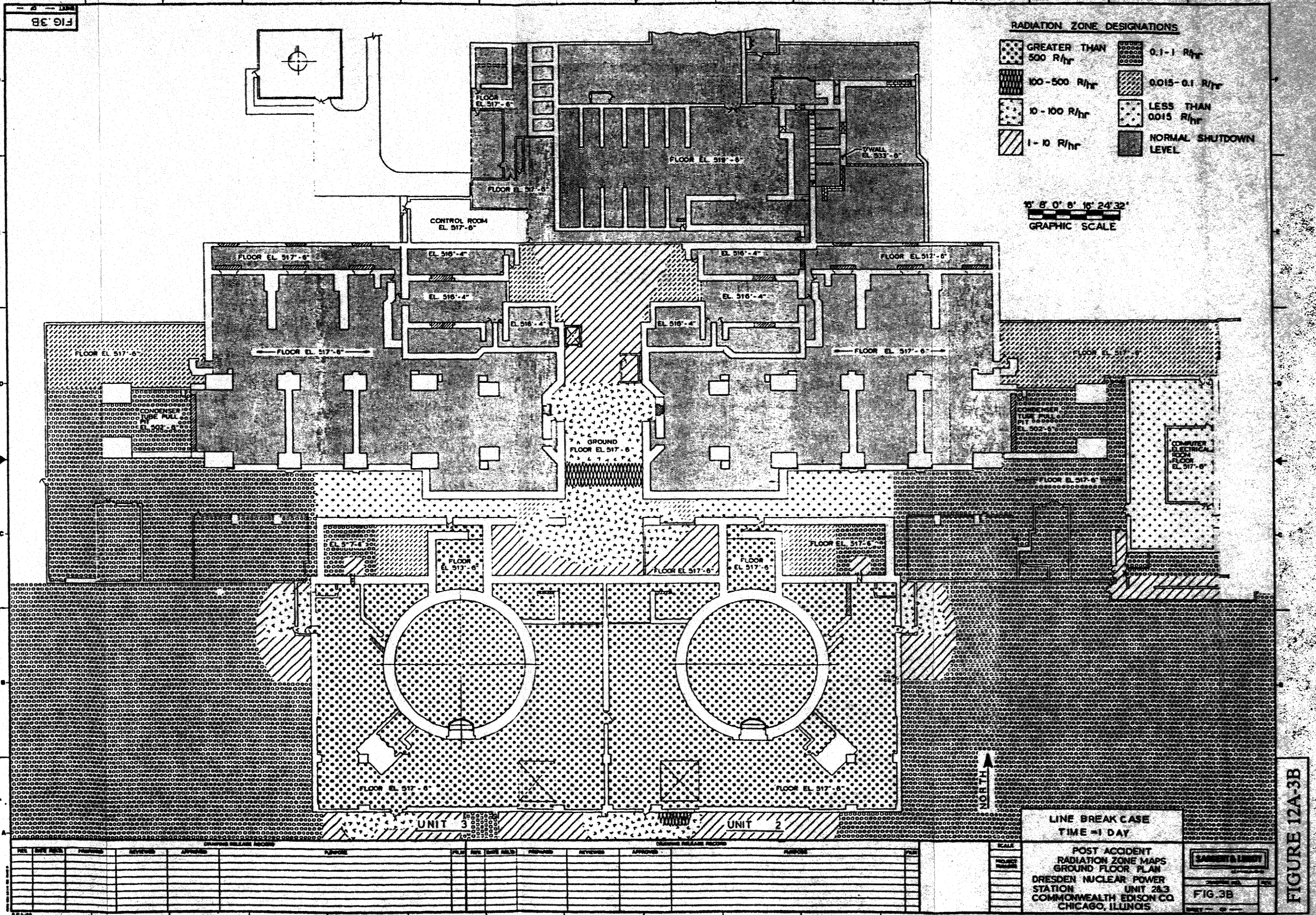
SARGENT & LUNDY  
CHICAGO, ILL.  
REV.  
FIG. 3

FIGURE 12A-3

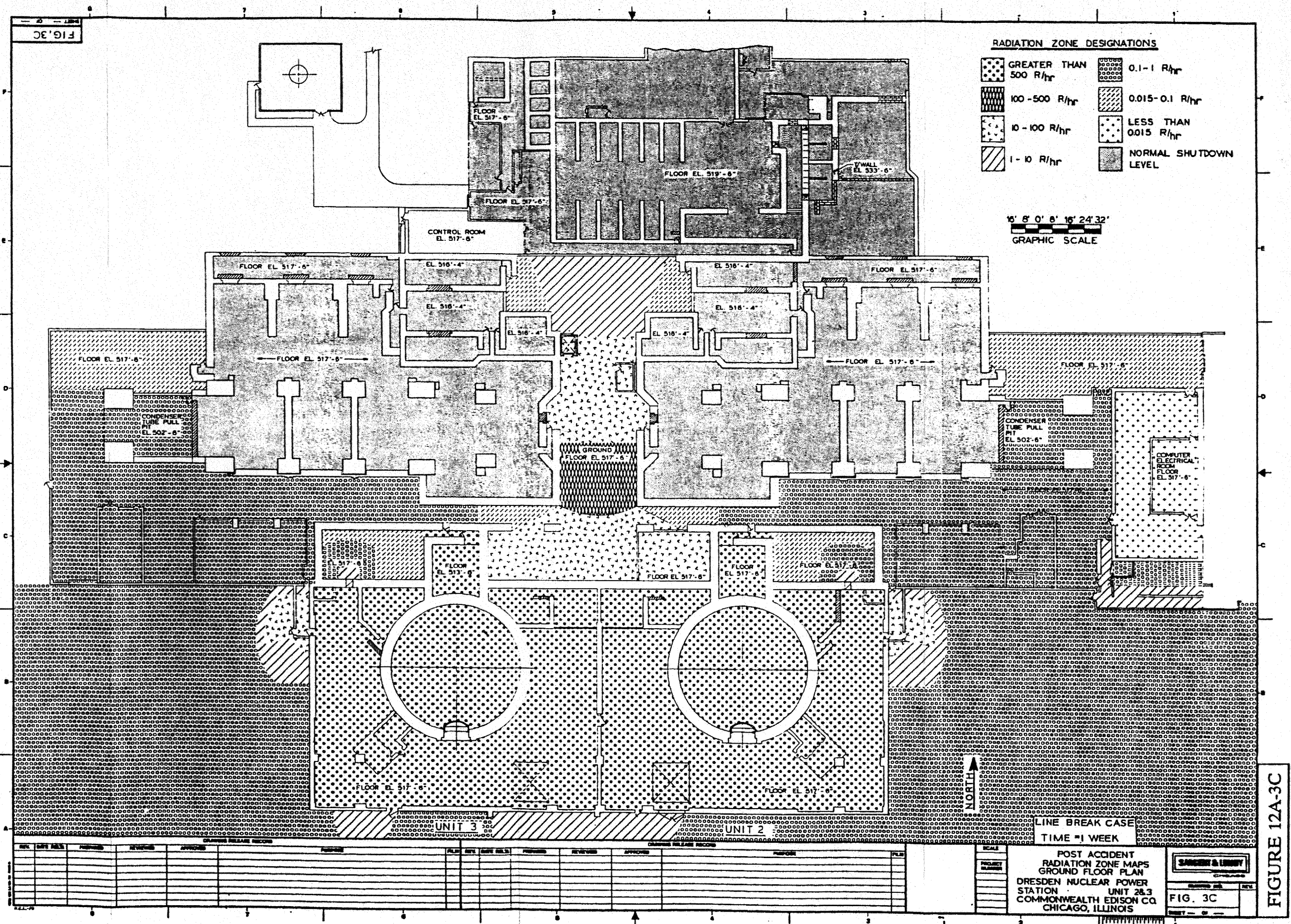














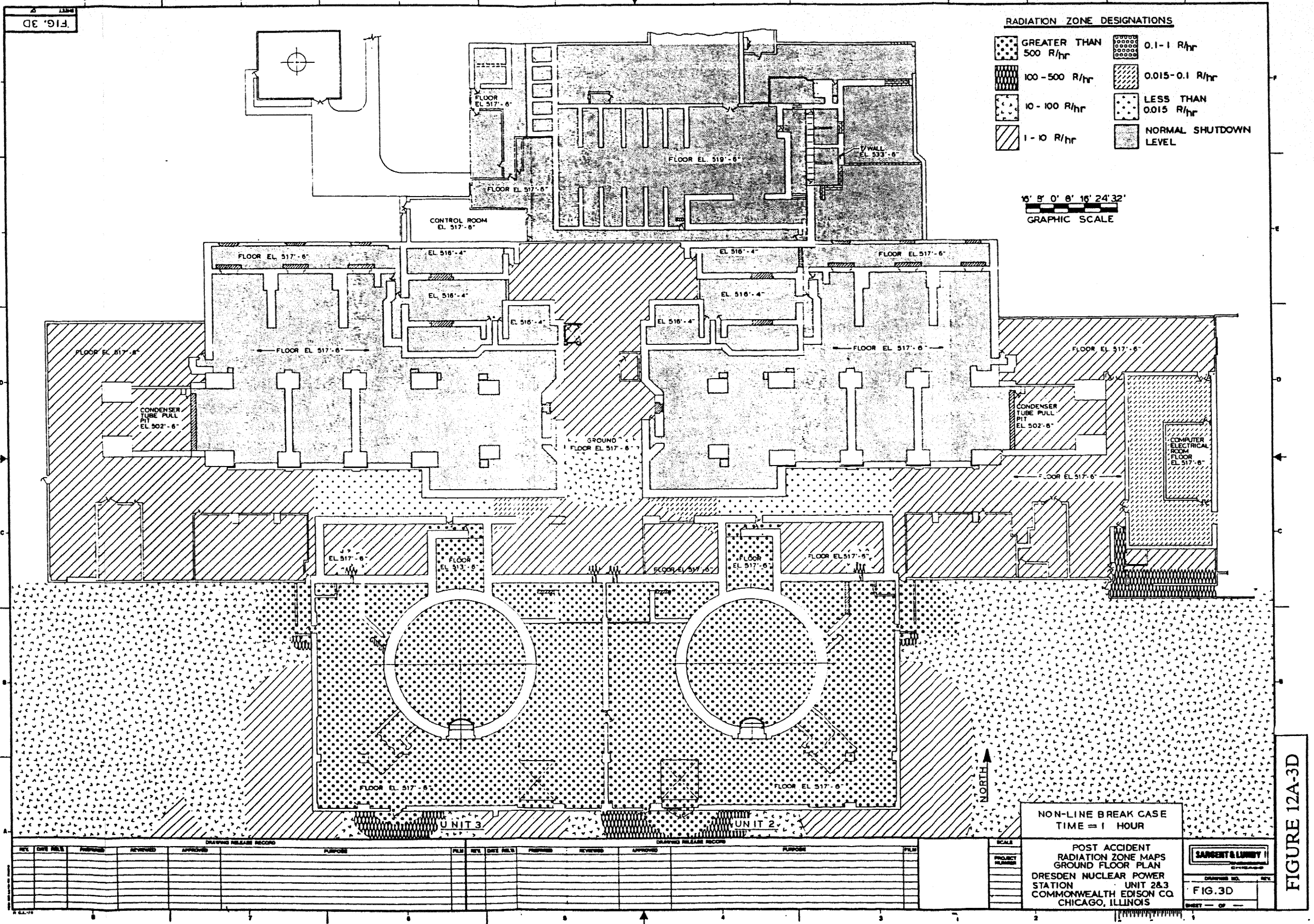
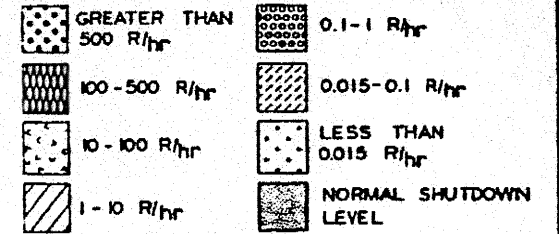


FIGURE 12A-3D



### RADIATION ZONE DESIGNATIONS



16' 8" 0' 8" 16' 24' 32'  
GRAPHIC SCALE

GRAPHIC SCALE

NON-LINE BREAK CASE  
TIME = 1 DAY

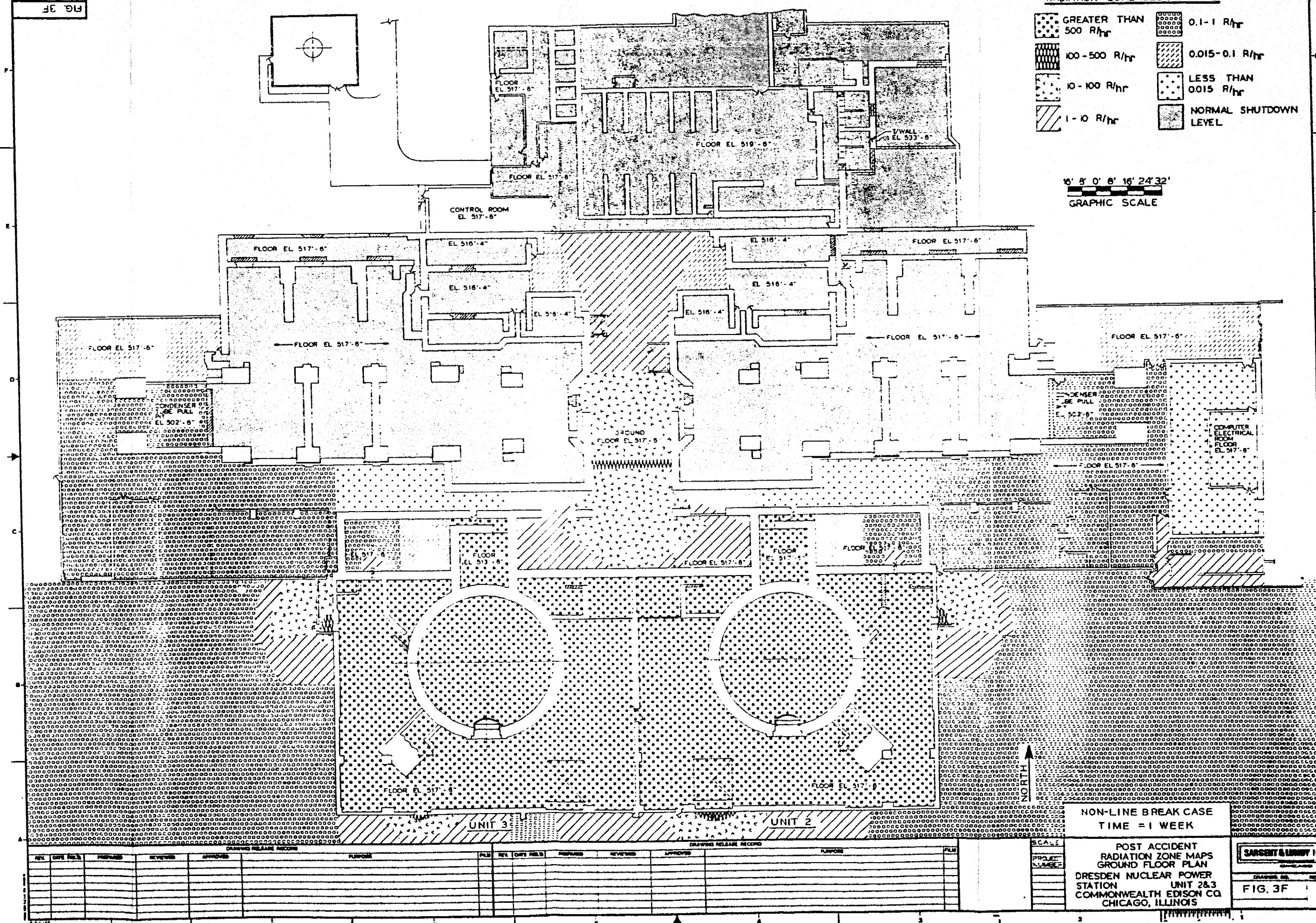
POST ACCIDENT  
RADIATION ZONE MAPS  
GROUND FLOOR PLAN  
DRESDEN NUCLEAR POWER  
STATION UNIT 2&3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

**SARGENT & LUNDY**

FIG. 3E

FIGURE 12A-3E





**FIGURE 12A-3F**



# Security Related Information Figure Withheld Under 10CFR 2.390

FIG. 4

LOCATION OF RADIATION  
MONITORS SAMPLE POINTS &  
MAJOR RADIATION SOURCES

POST ACCIDENT  
RADIATION ZONE MAPS  
MEZZANINE FLOOR PLAN  
DRESDEN NUCLEAR POWER  
STATION UNIT 2 & 3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

SARGENT & Lundy

FIG. 4

FIGURE 12A-4



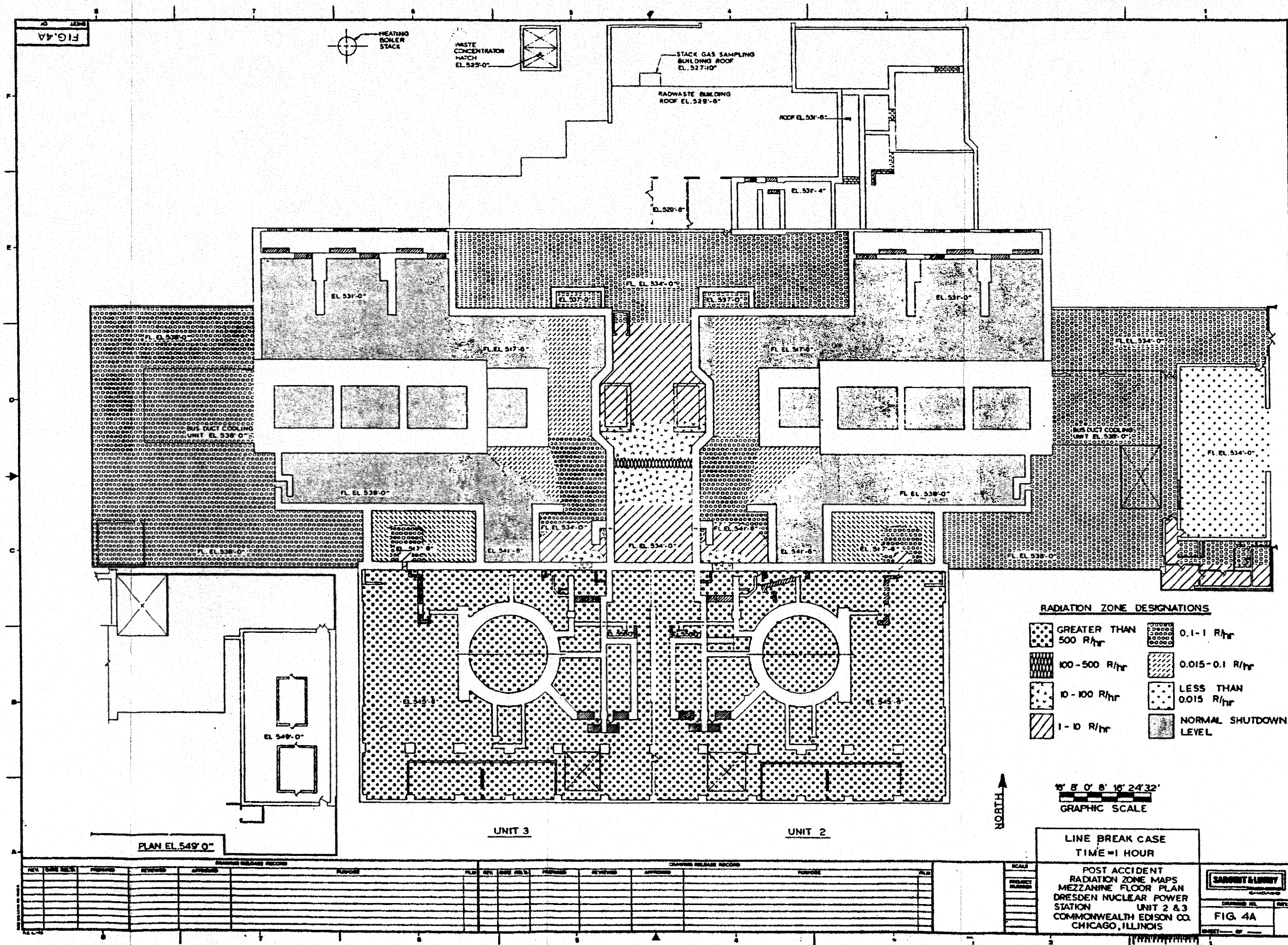
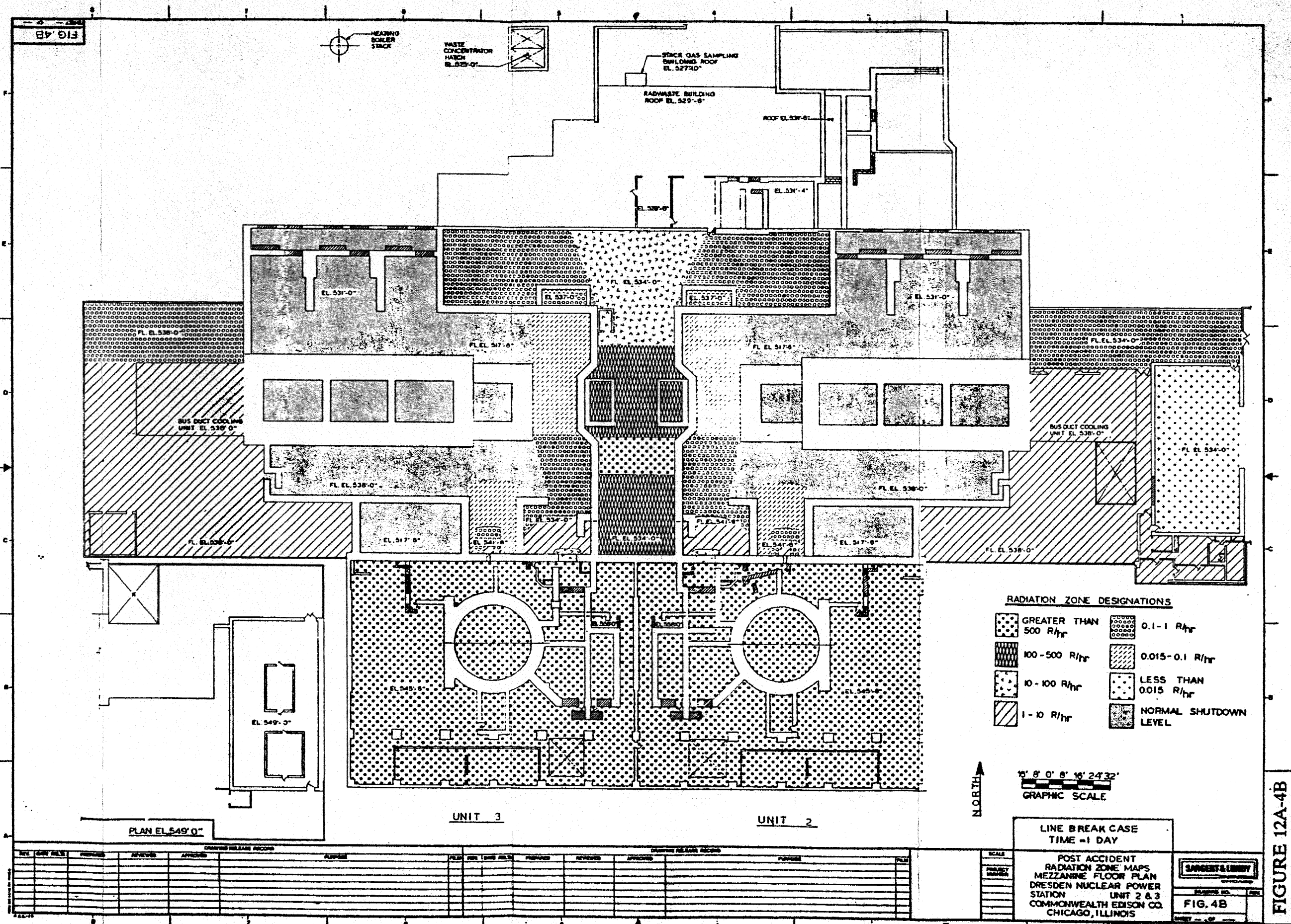


FIGURE 12A-4A







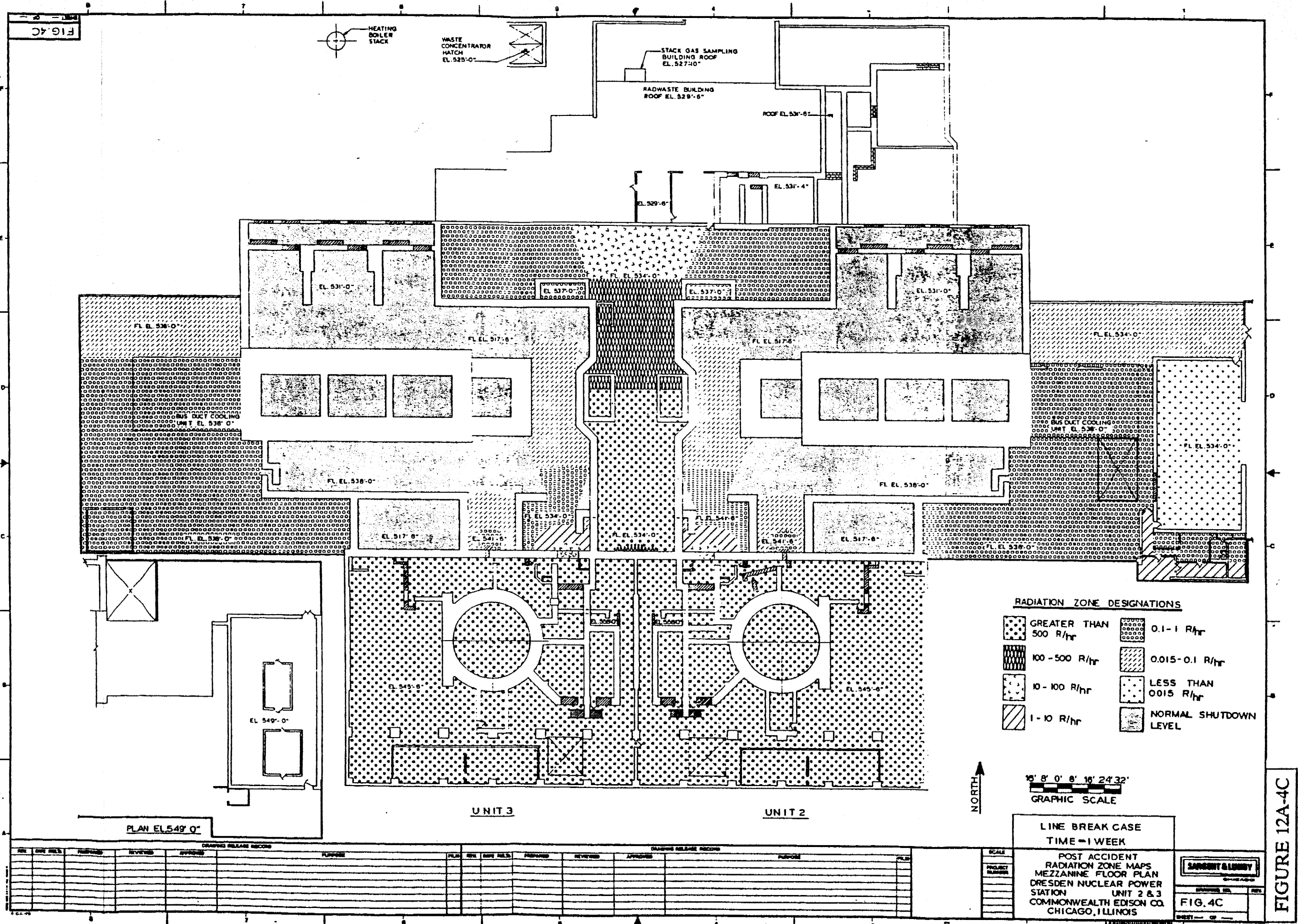
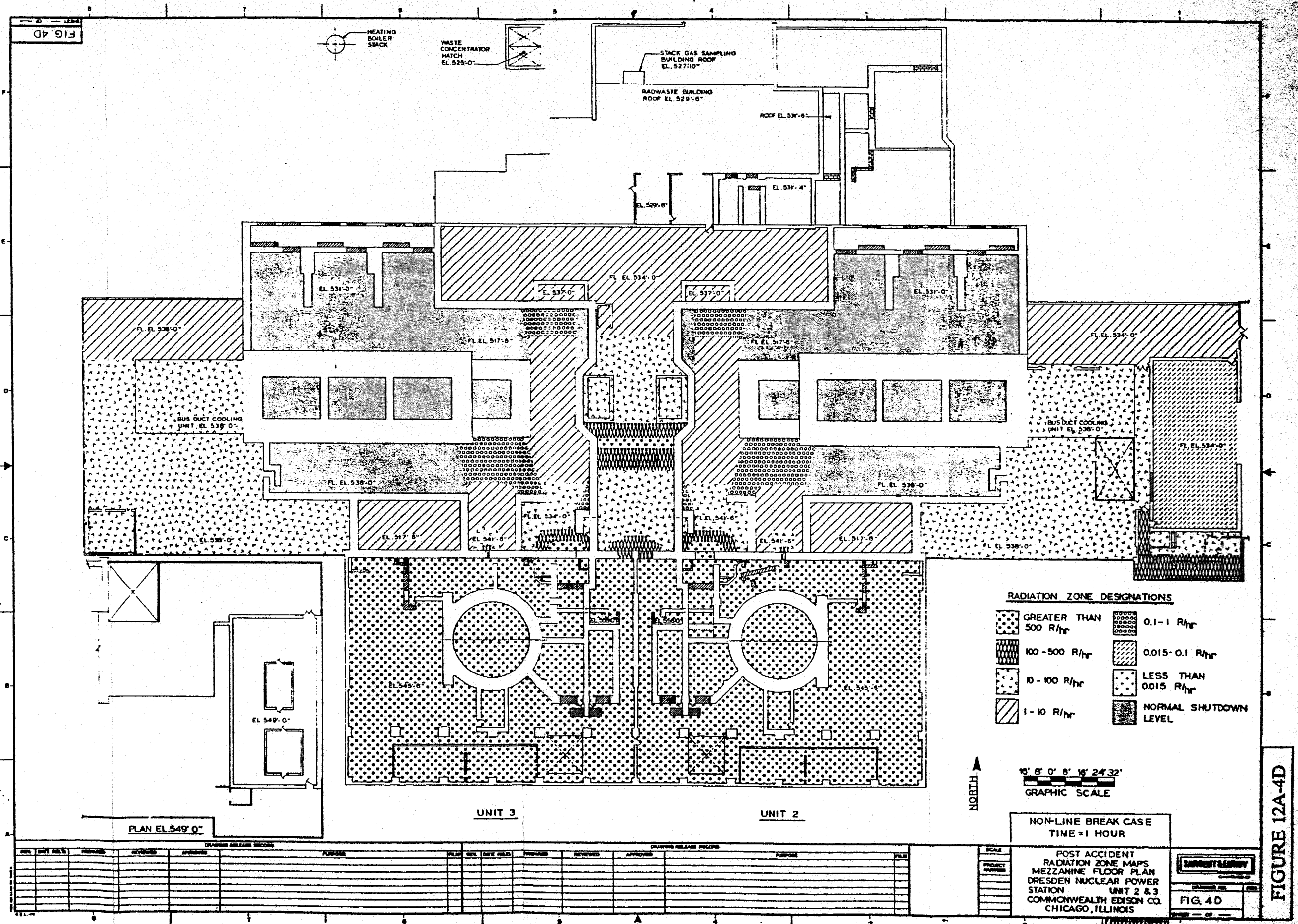
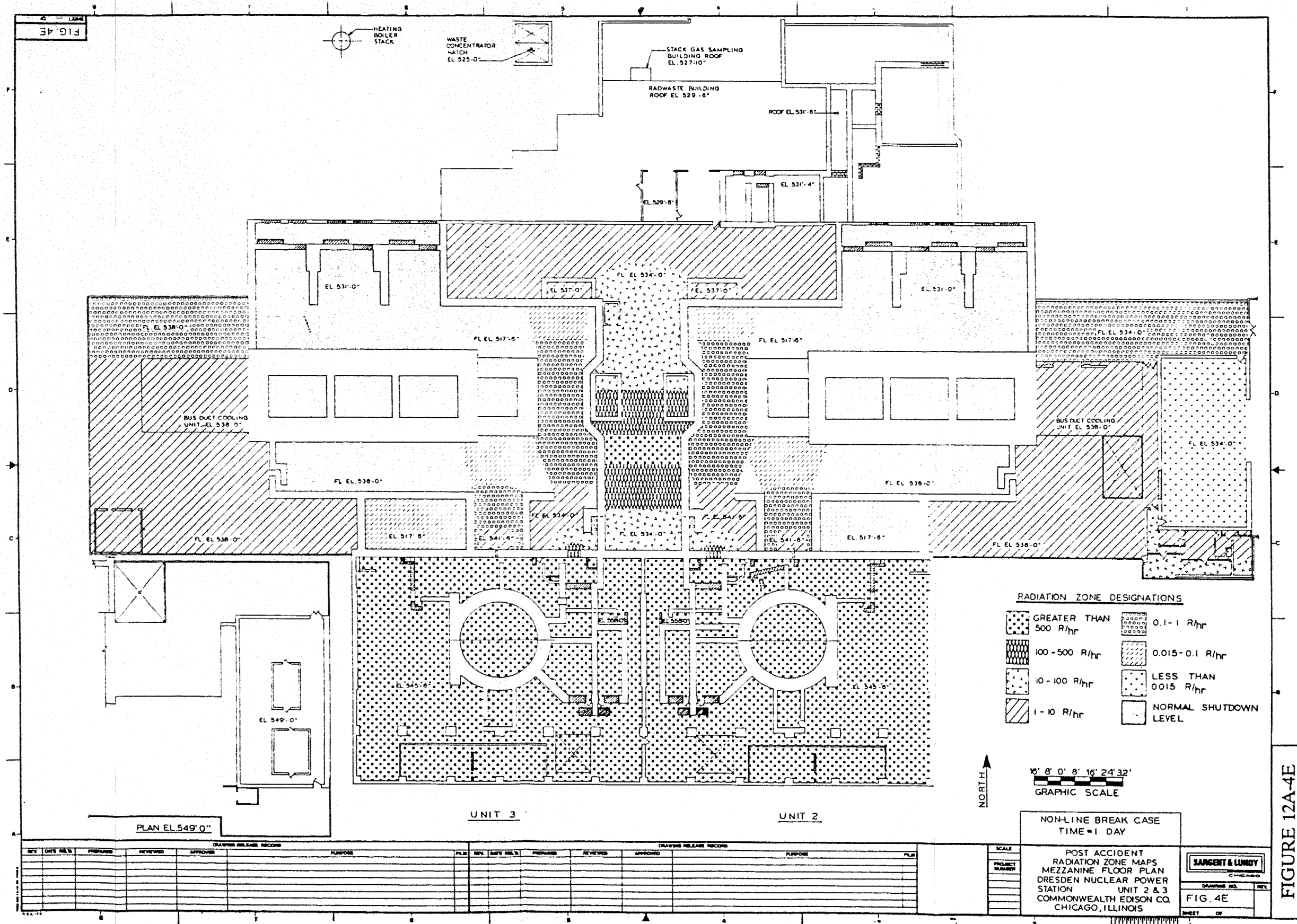


FIGURE 12A-4C

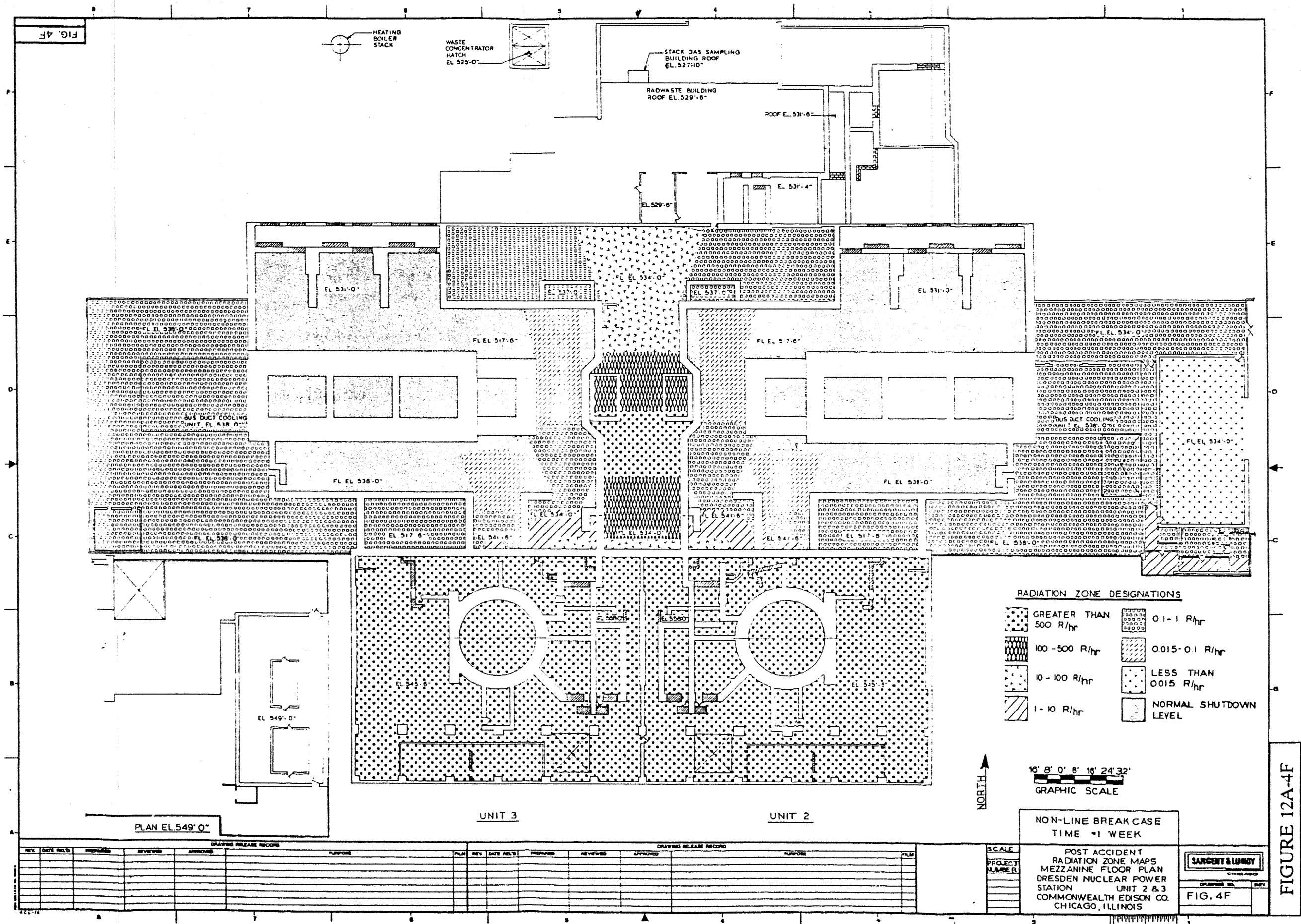




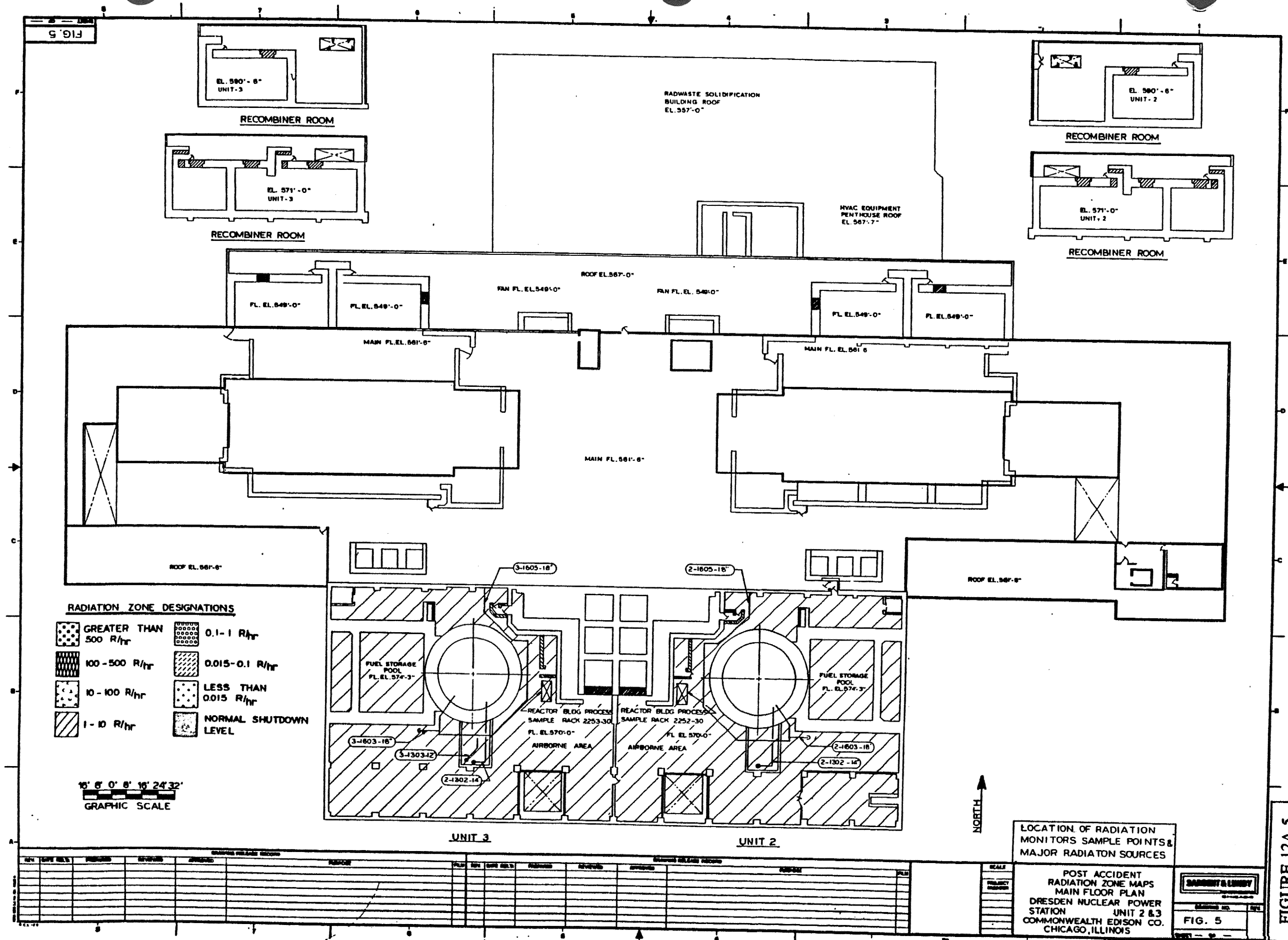




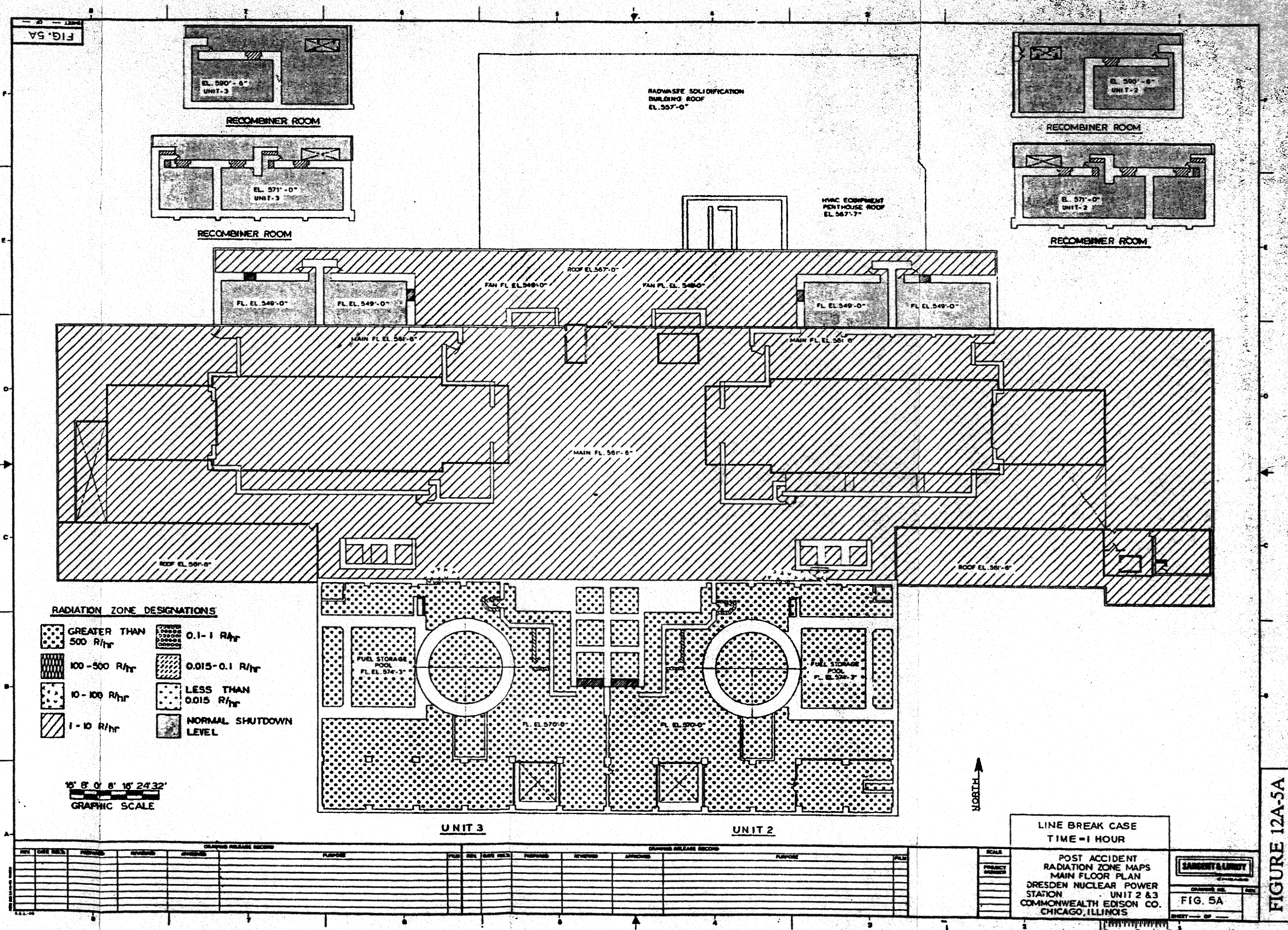














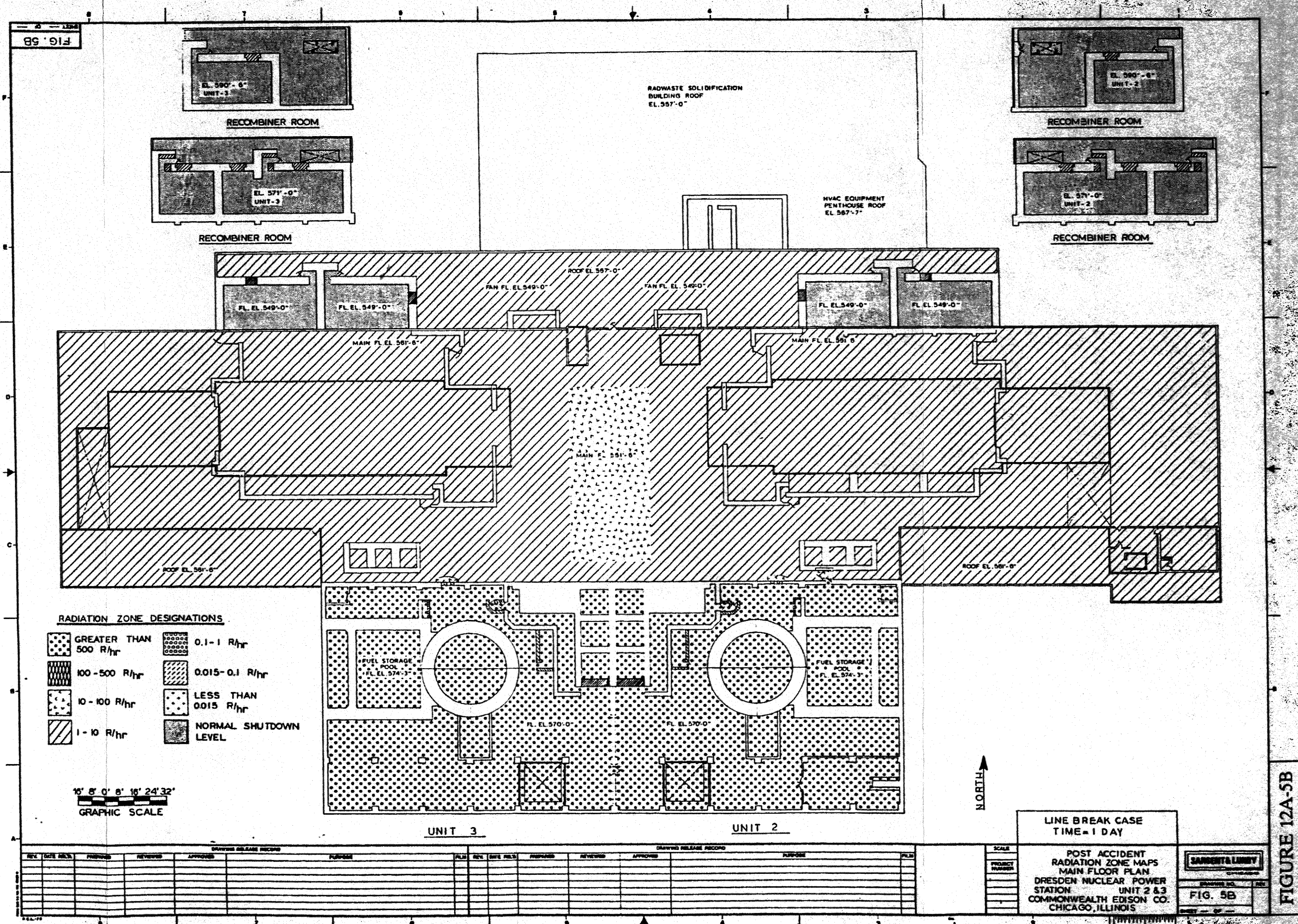
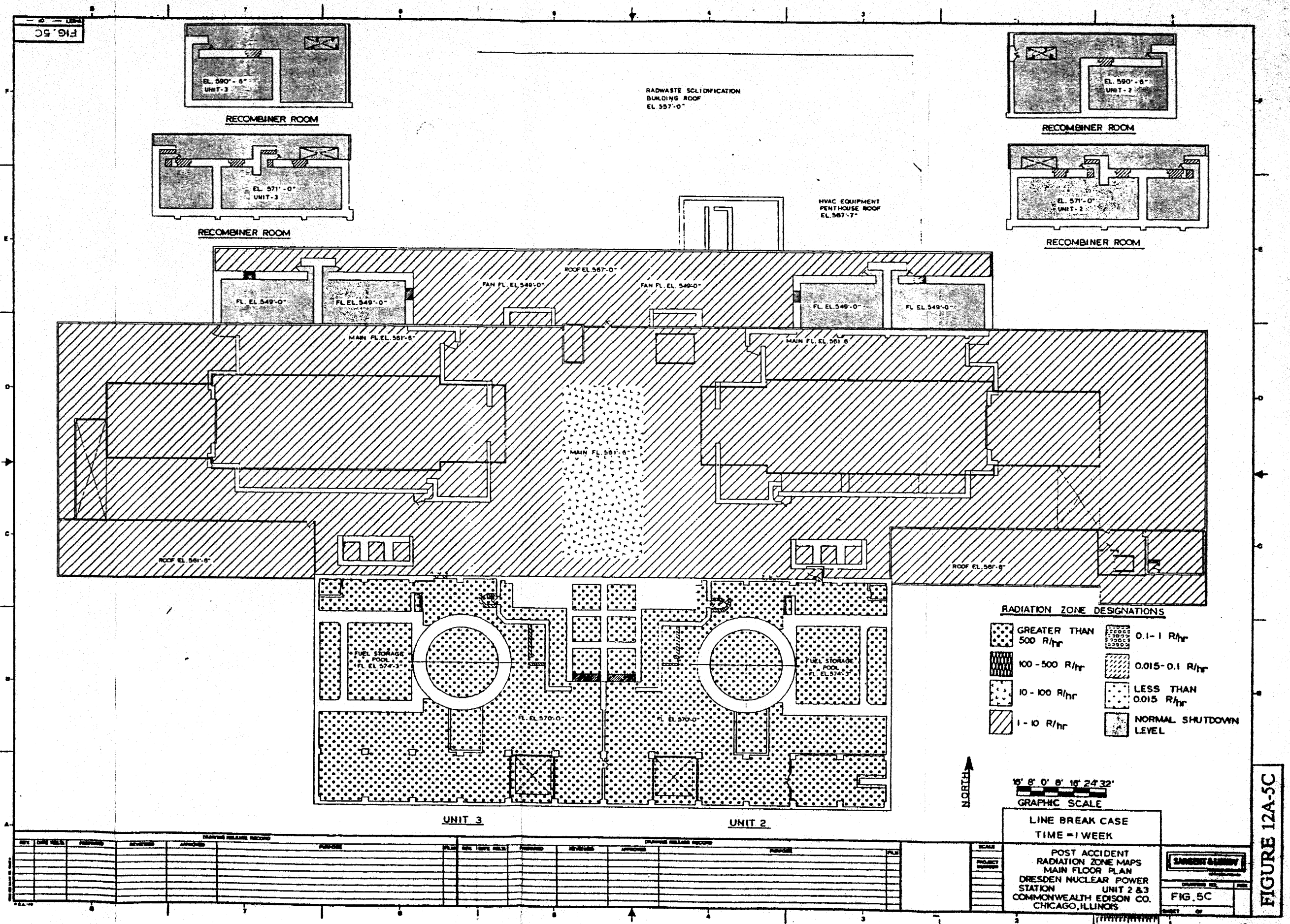
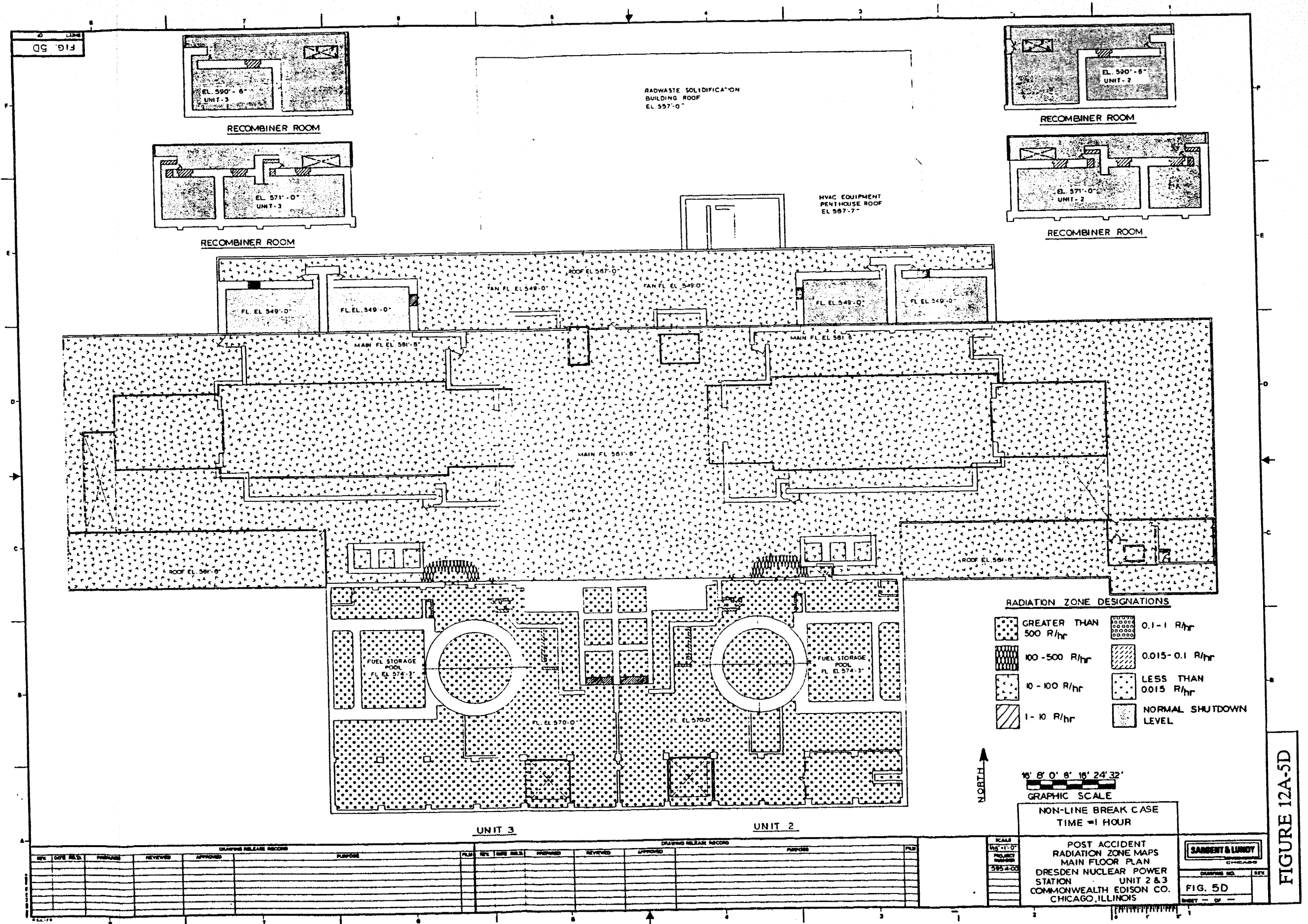


FIGURE 12A-5B

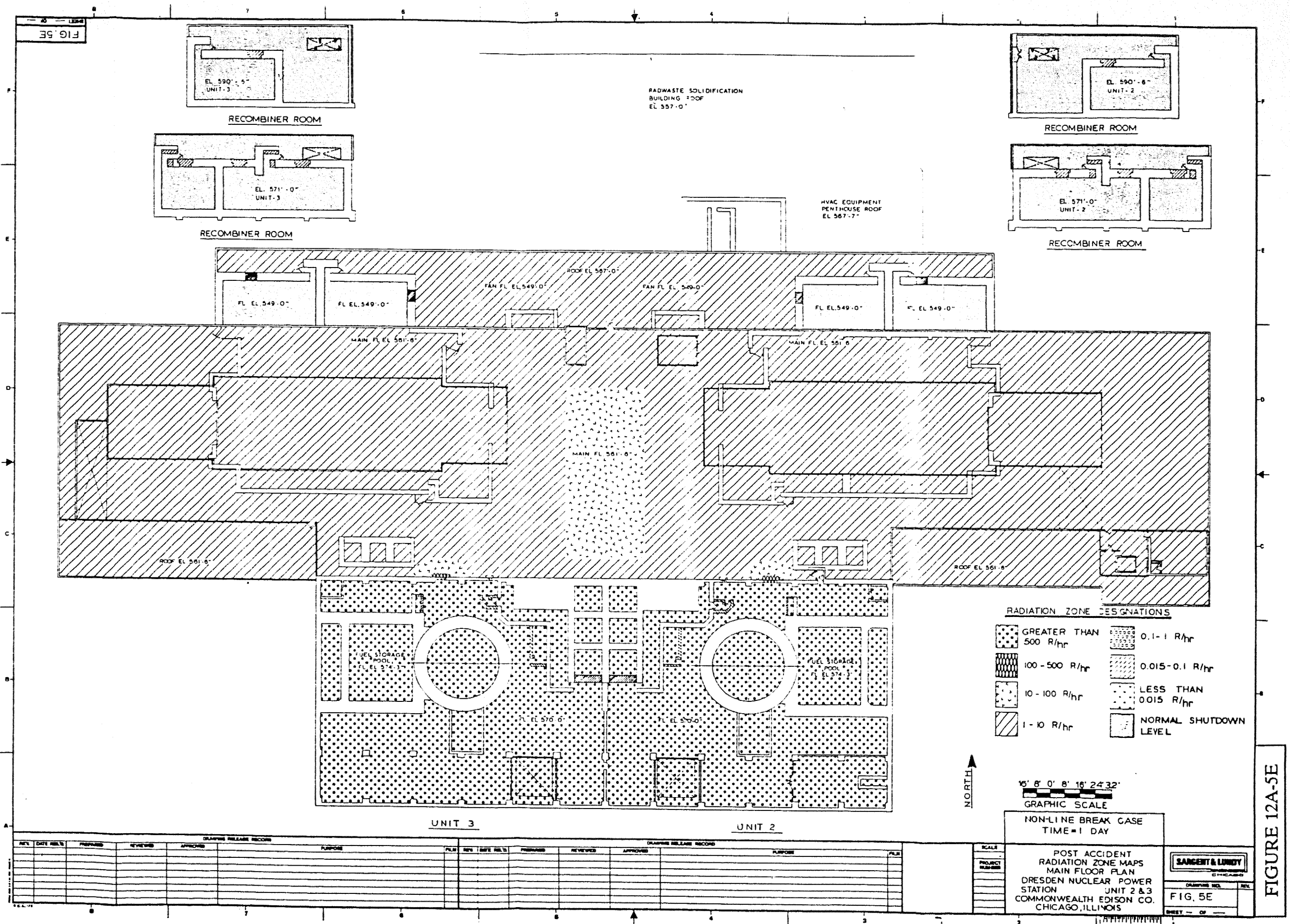














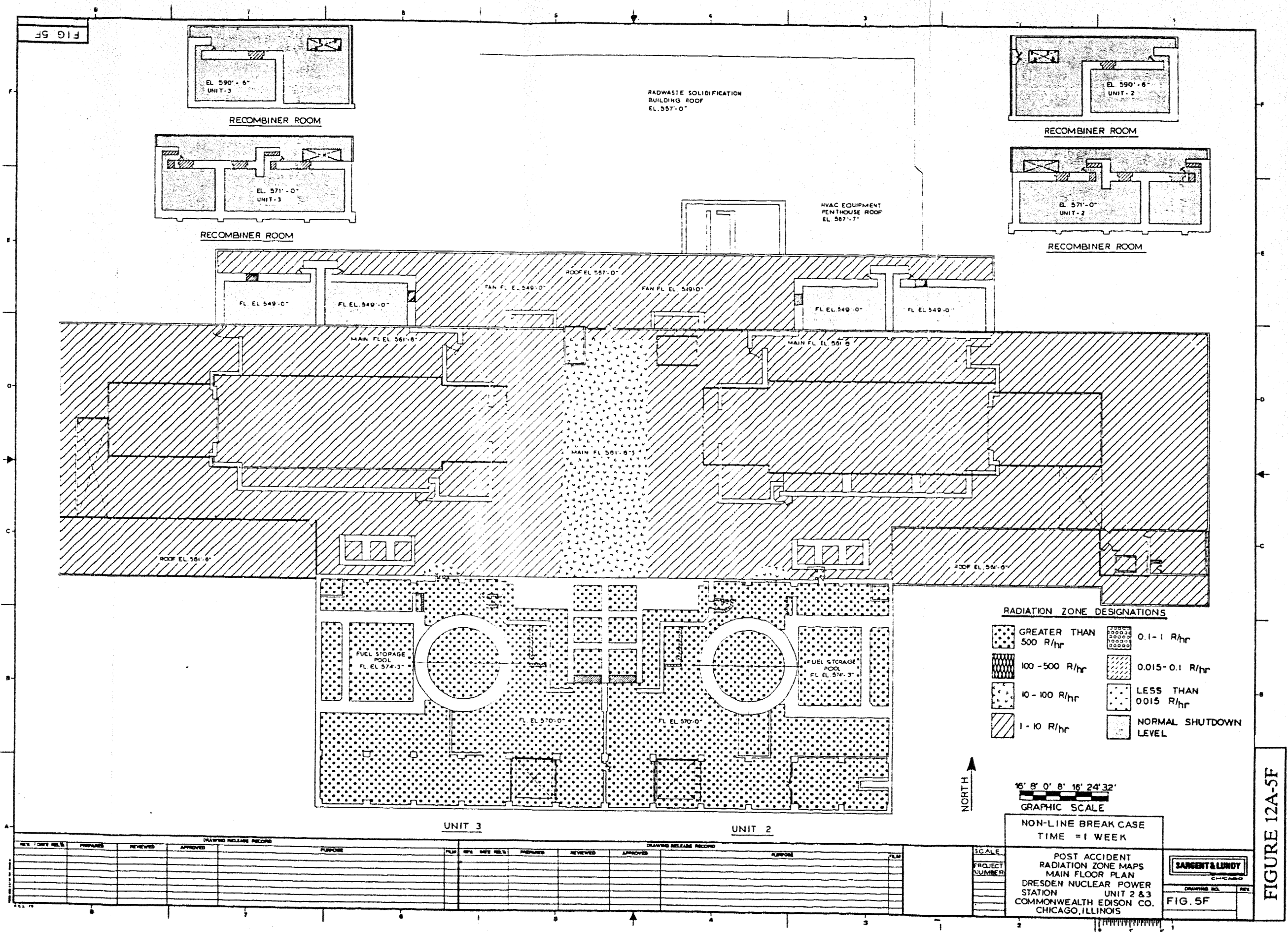




FIG. 6

Security Related Information Figure Withheld  
Under 10CFR 2.390

POST ACCIDENT  
RADIATION ZONE MAPS  
REACTOR FLOOR PLANS  
DRESDEN NUCLEAR POWER  
STATION UNIT 2&3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

SAMMUT & LINDY  
FIG. 6

FIGURE 12A-6



FIG. 6A

FLOOR PLAN EL 613'-0"

FLOOR PLAN EL 589'-0"

RADIATION ZONE DESIGNATIONS

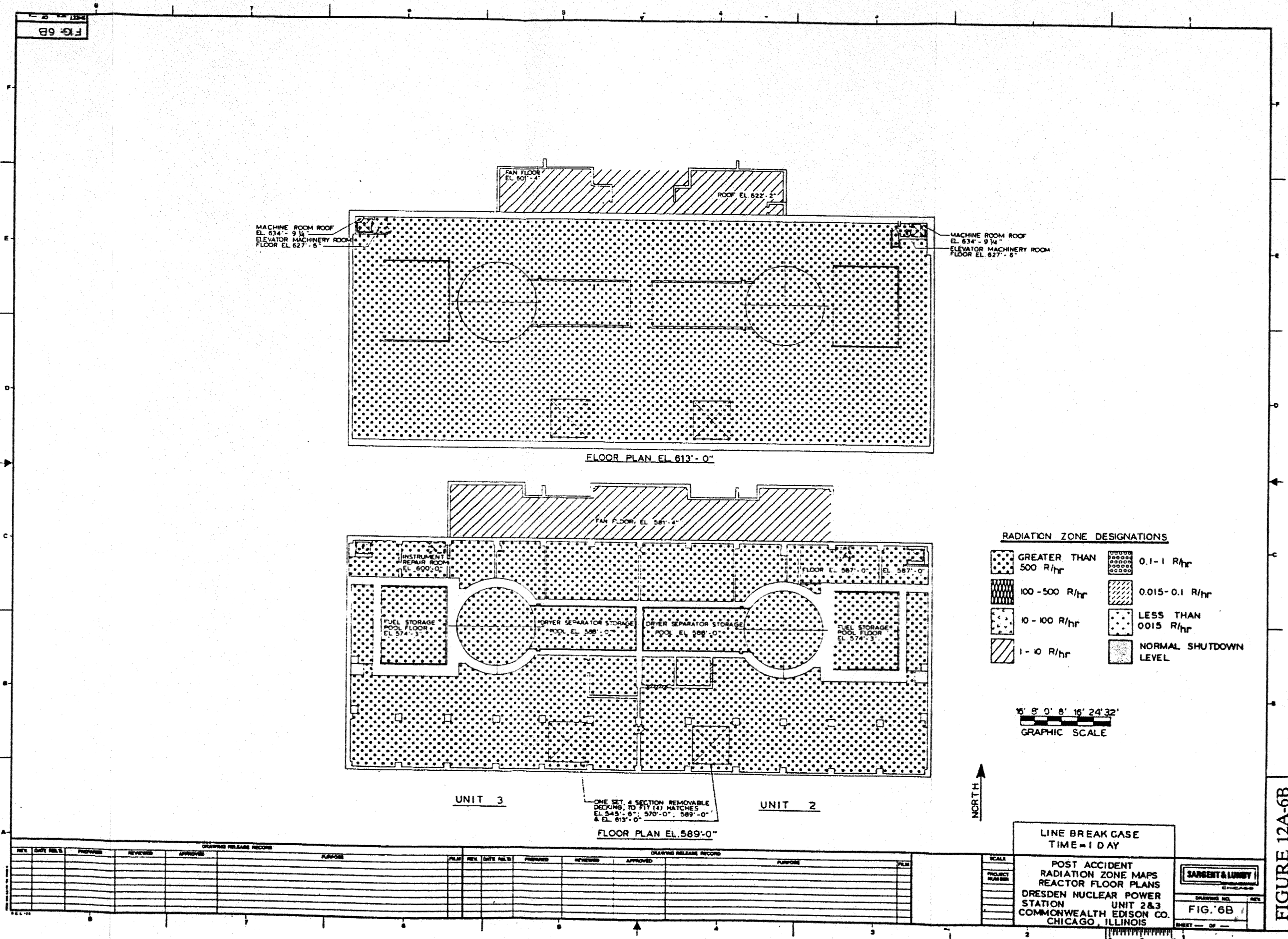
|  |                       |  |                       |
|--|-----------------------|--|-----------------------|
|  | GREATER THAN 500 R/hr |  | 0.1-1 R/hr            |
|  | 100-500 R/hr          |  | 0.015-0.1 R/hr        |
|  | 10-100 R/hr           |  | LESS THAN 0.015 R/hr  |
|  | 1-10 R/hr             |  | NORMAL SHUTDOWN LEVEL |

NORTH

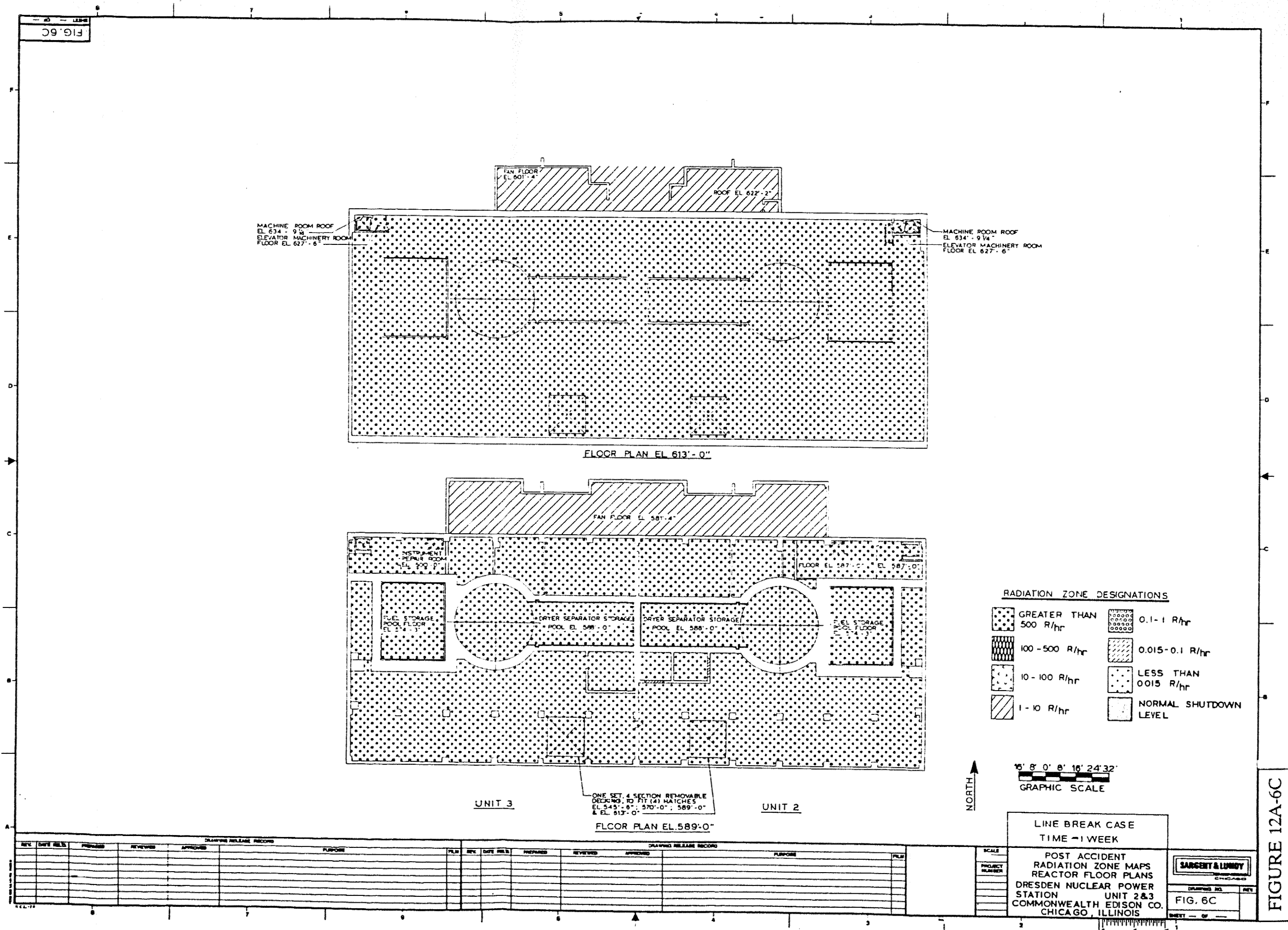
| DRAWING RELEASE RECORD |      |    |       |          | DRAWING RELEASE RECORD |      |      |    |       | SCALE    |         | PROJECT NUMBER | LINE BREAK CASE TIME - 1 HOUR  |  | SARGENT & LUNDY CHICAGO |  |
|------------------------|------|----|-------|----------|------------------------|------|------|----|-------|----------|---------|----------------|--|--|-------------------------|--|
| REV.                   | DATE | BY | CHKD. | APPROVED | PURPOSE                | REV. | DATE | BY | CHKD. | APPROVED | PURPOSE |                | POST ACCIDENT RADIATION ZONE MAPS REACTOR FLOOR PLANS                            |  |                         |  |
|                        |      |    |       |          |                        |      |      |    |       |          |         |                | DRESDEN NUCLEAR POWER STATION UNIT 2&3 COMMONWEALTH EDISON CO. CHICAGO, ILLINOIS |  |                         |  |
|                        |      |    |       |          |                        |      |      |    |       |          |         |                | FIG. 6A  |  |                         |  |

FIGURE 12A-6A

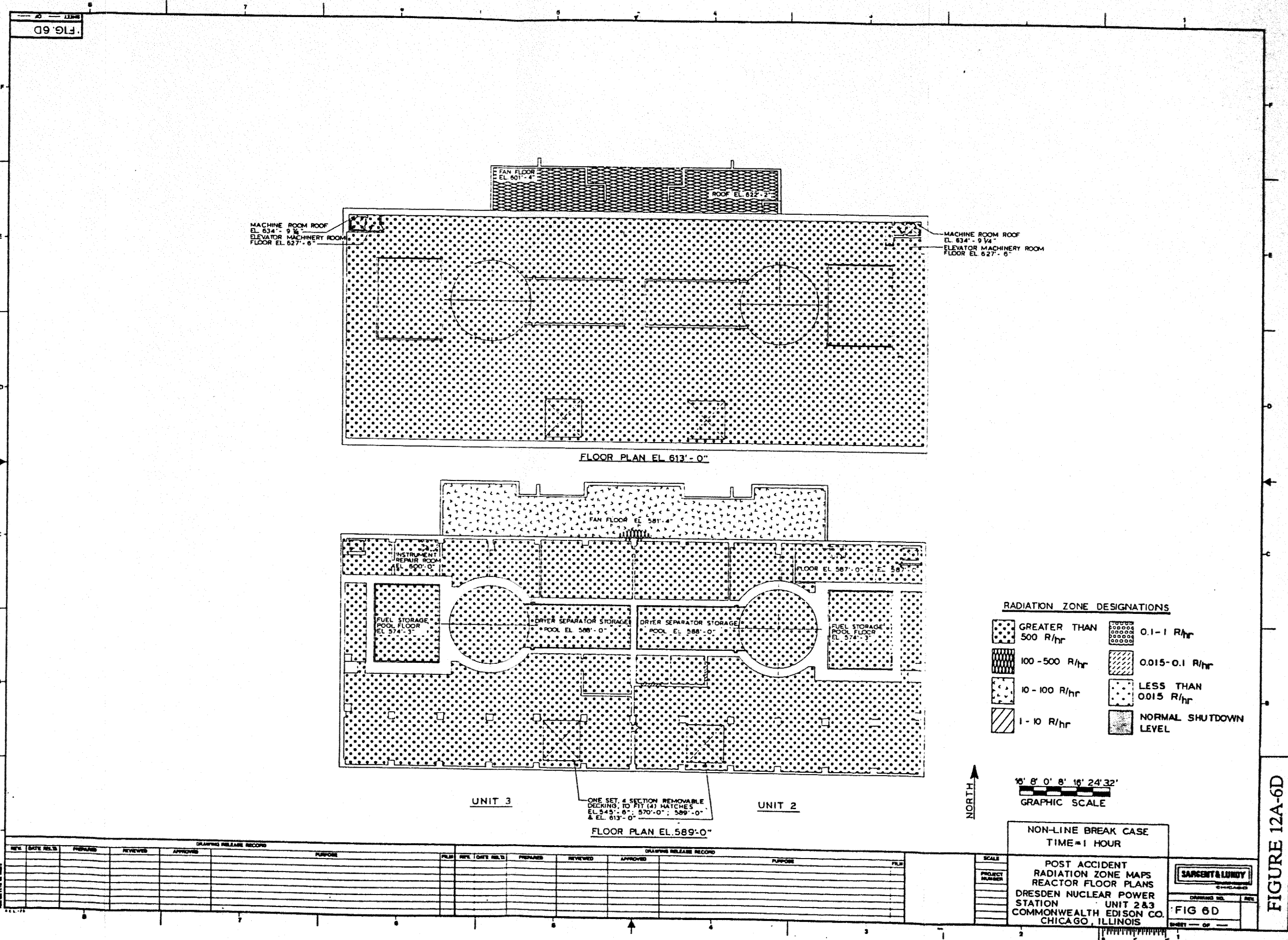














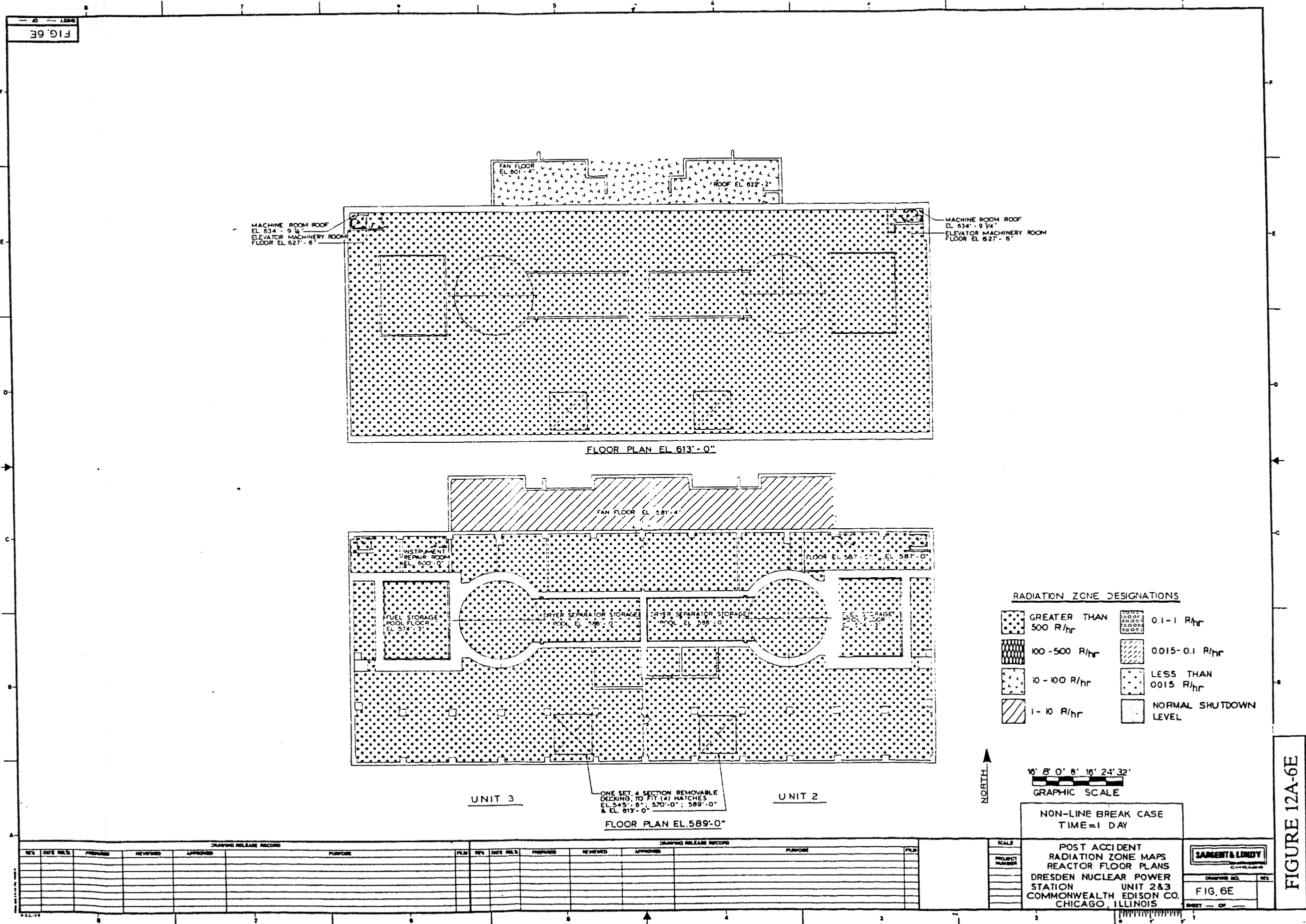
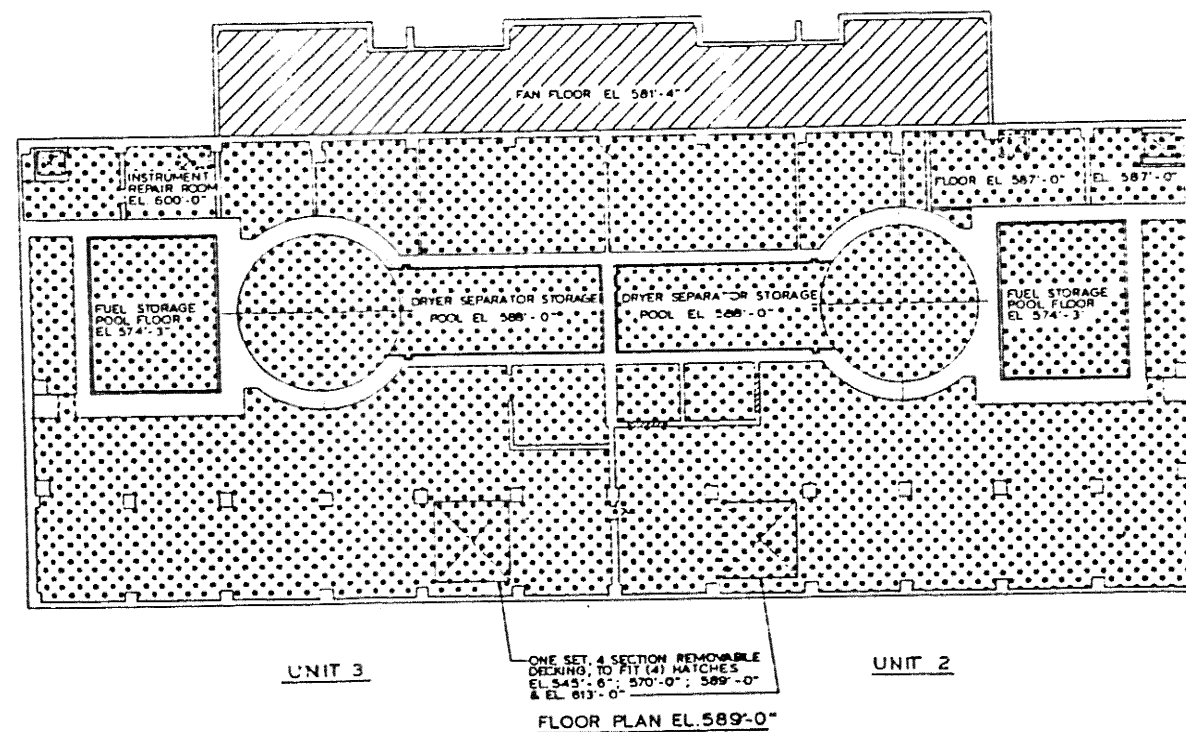
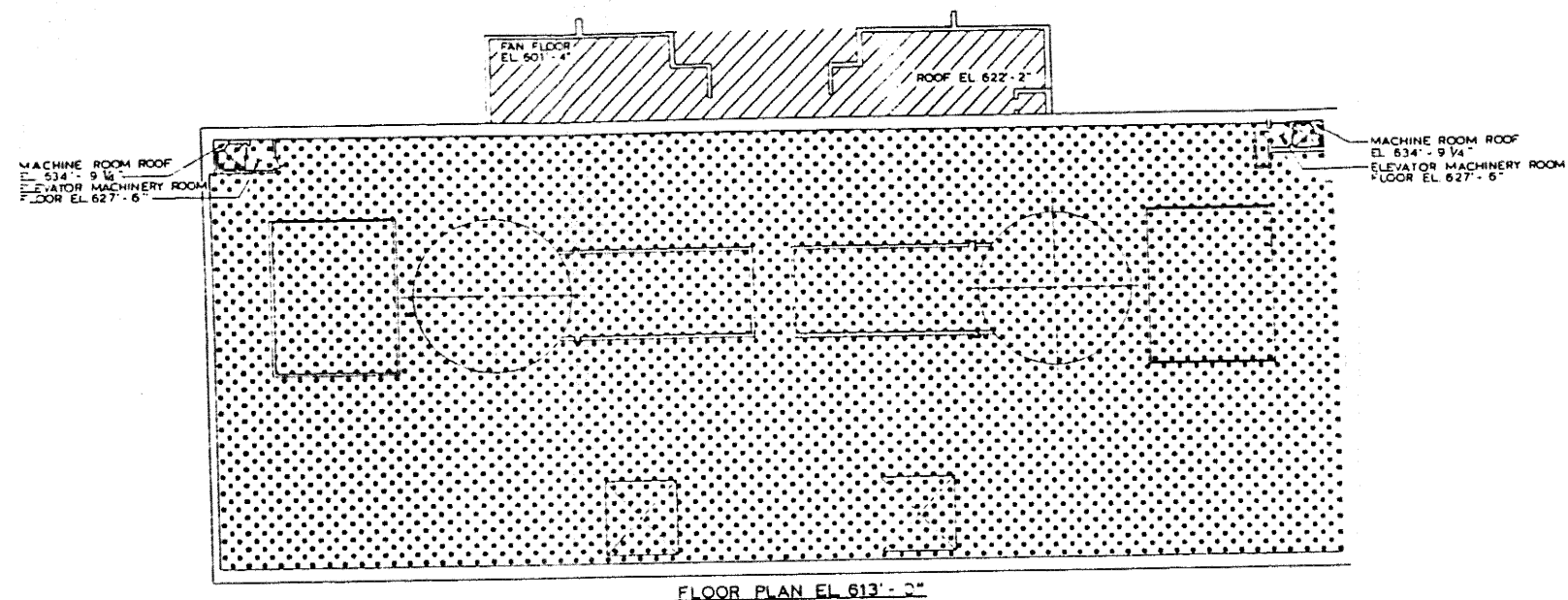


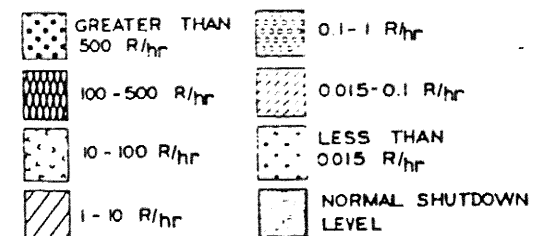
FIGURE 12A-6E



FIG. 6F



RADIATION ZONE DESIGNATIONS



NON-LINE BREAK CASE  
TIME = 1 WEEK

POST ACCIDENT  
RADIATION ZONE MAPS  
REACTOR FLOOR PLANS  
DRESDEN NUCLEAR POWER  
STATION UNIT 2&3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

SARGENT & LUNDY

DRAWING NO. FIG. 6F

FIGURE 12A-6F



FIG. 7

ROOF PLAN EL. 528'-6"

FLOOR PLAN EL. 504'-6"

PLAN EL. 518'-6"

RADIATION ZONE DESIGNATIONS

|  |                       |  |                       |
|--|-----------------------|--|-----------------------|
|  | GREATER THAN 500 R/hr |  | 0.1-1 R/hr            |
|  | 100-500 R/hr          |  | 0.015-0.1 R/hr        |
|  | 10-100 R/hr           |  | LESS THAN 0.015 R/hr  |
|  | 1-10 R/hr             |  | NORMAL SHUTDOWN LEVEL |

0' 8' 0' 8' 16' 24' 32'  
GRAPHIC SCALE

NORTH

LOCATION OF RADIATION MONITOR SAMPLE POINTS & MAJOR RADIATION SOURCES

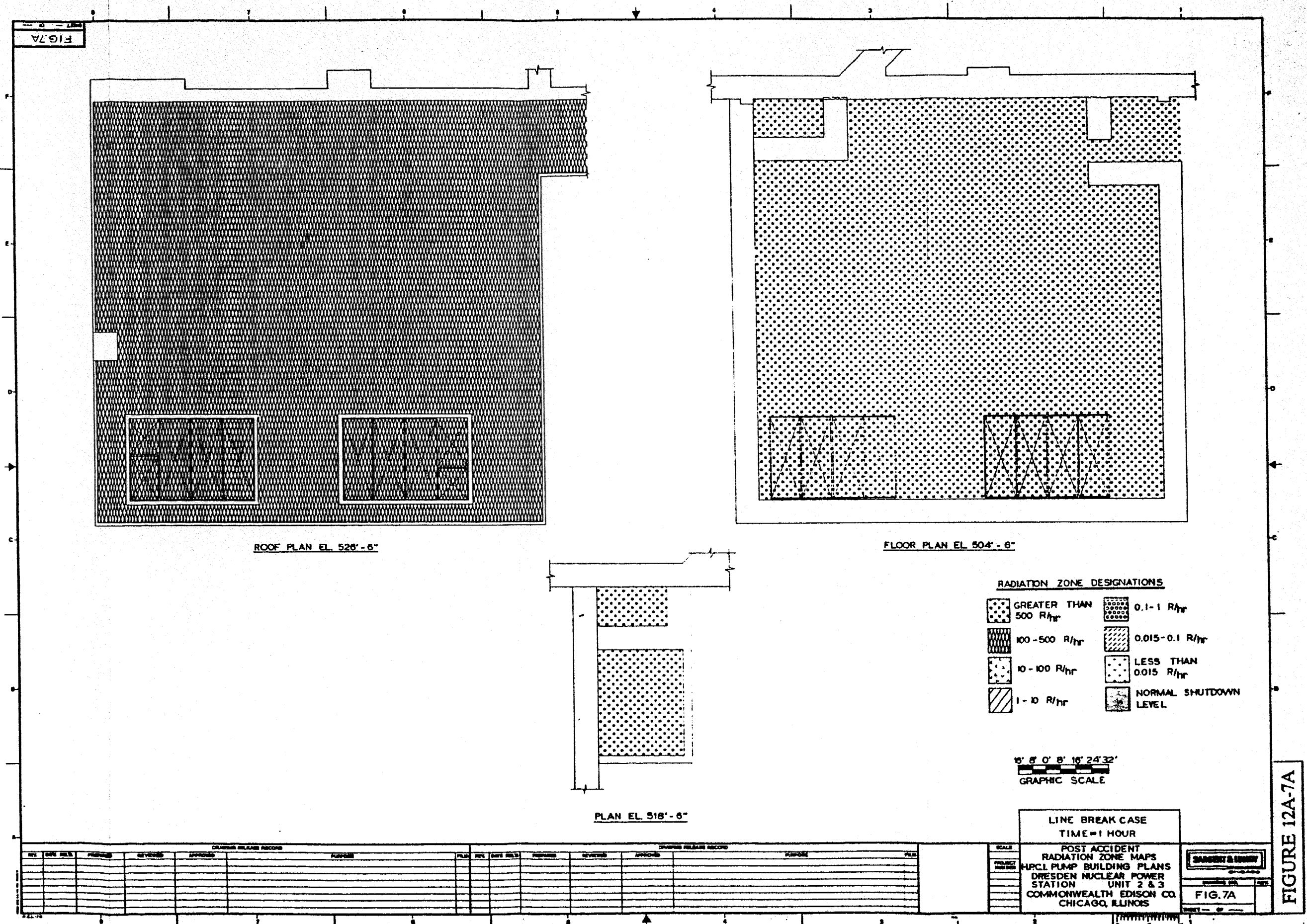
POST ACCIDENT RADIATION ZONE MAPS  
HPCl PUMP BUILDING PLANS  
DRESDEN NUCLEAR POWER STATION  
UNIT 2 & 3  
COMMONWEALTH EDISON CO.  
CHICAGO, ILLINOIS

SARGENT & LUNDY

FIG. 7

FIGURE 12A-7







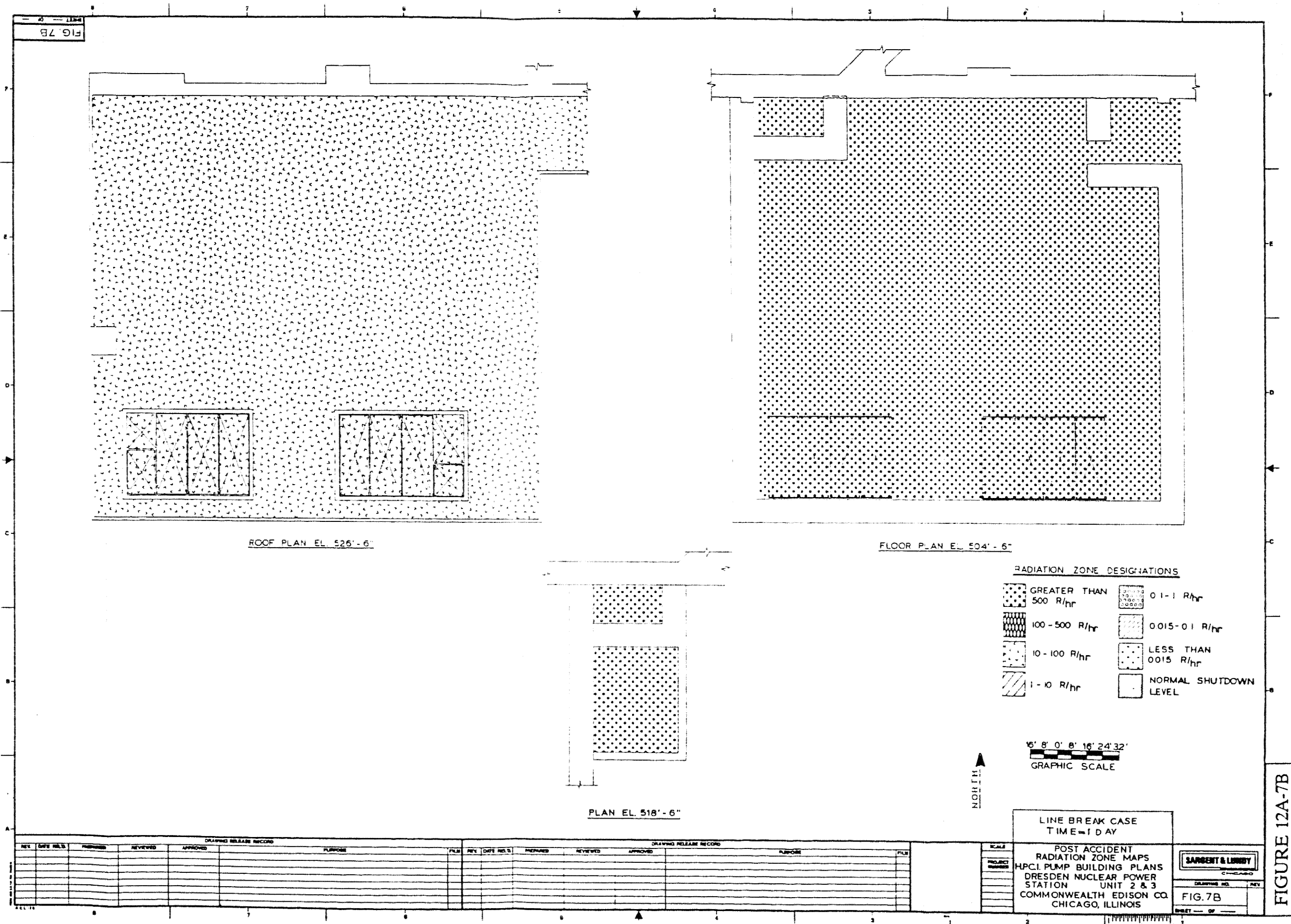
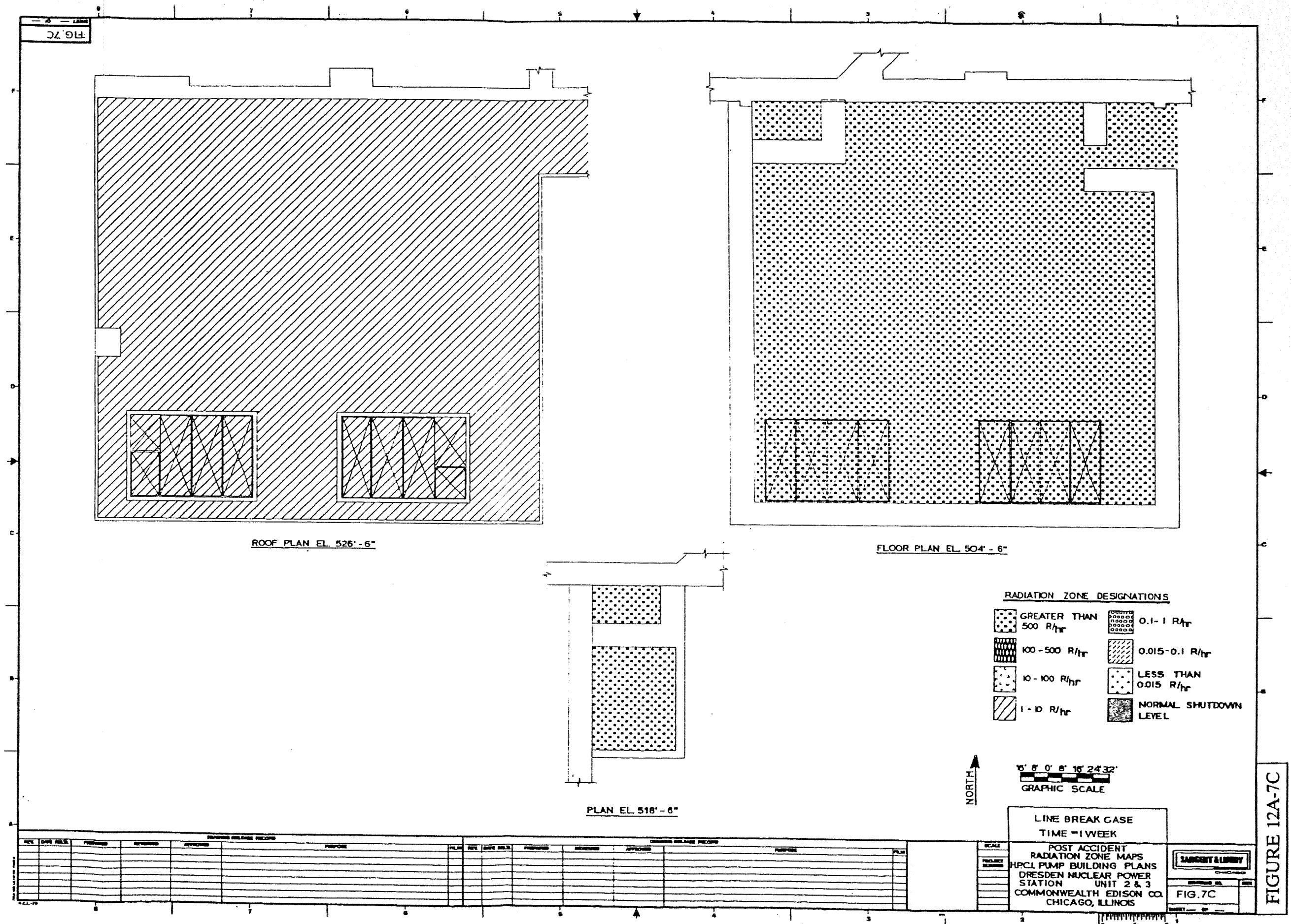
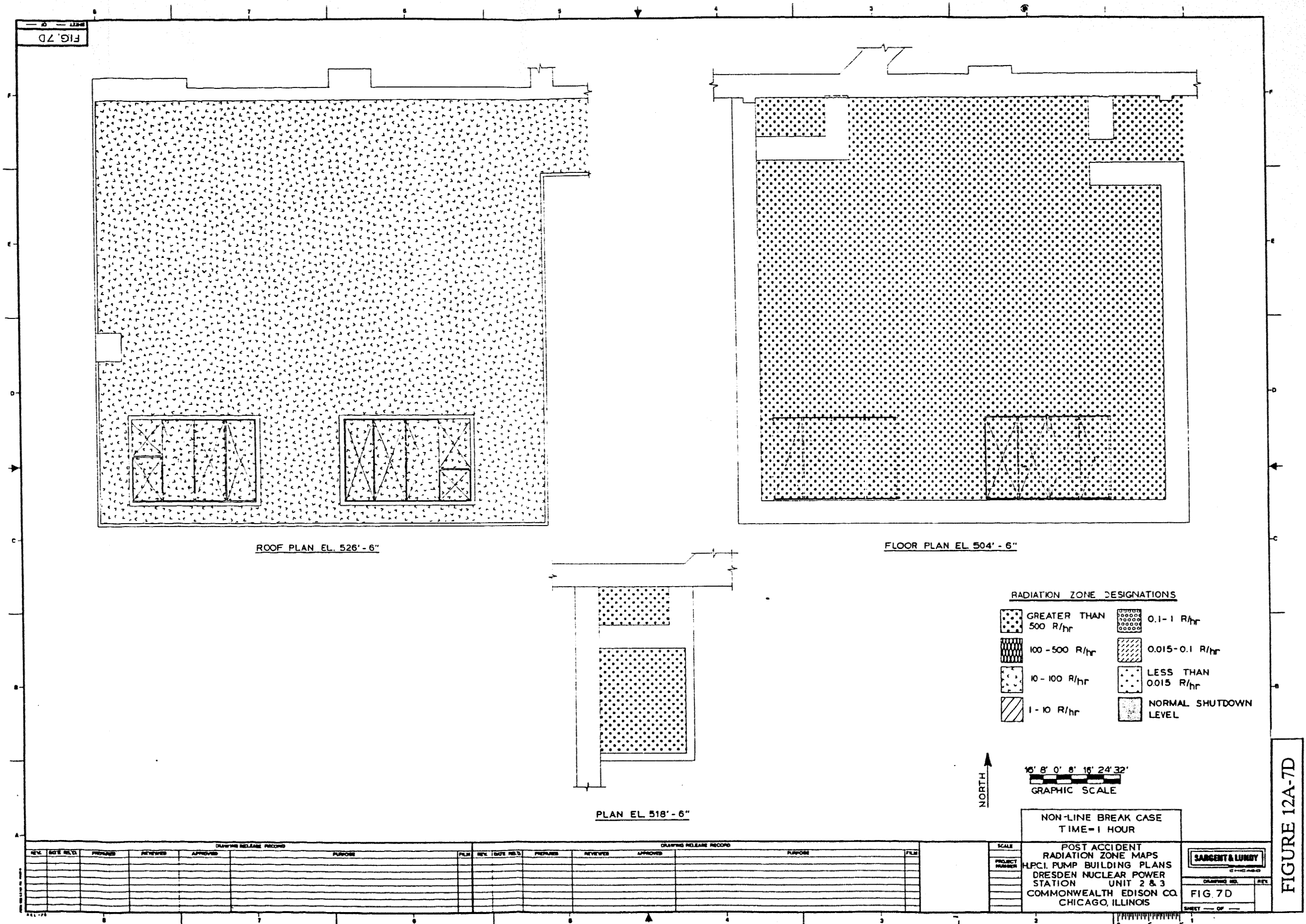


FIGURE 12A-7B

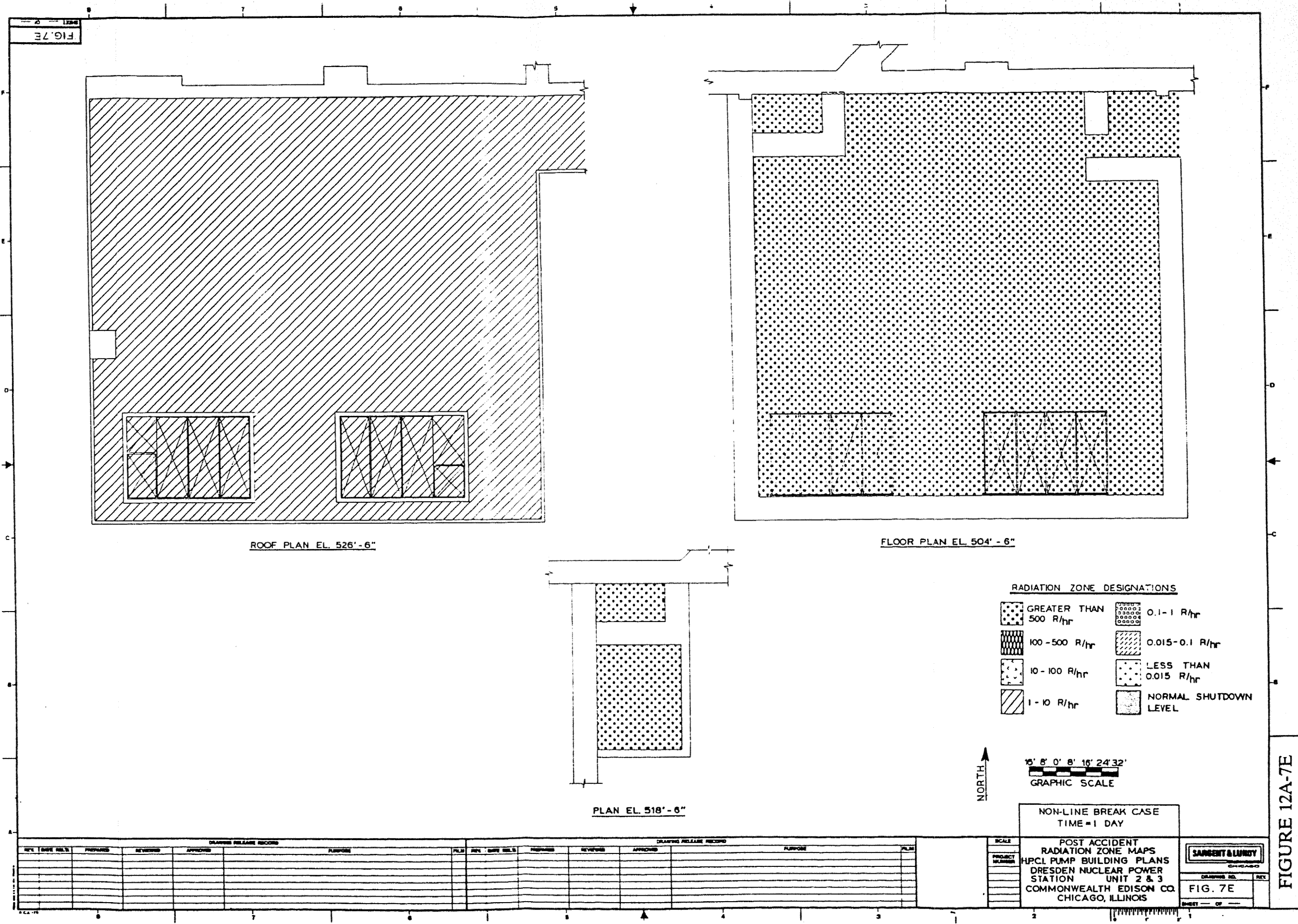




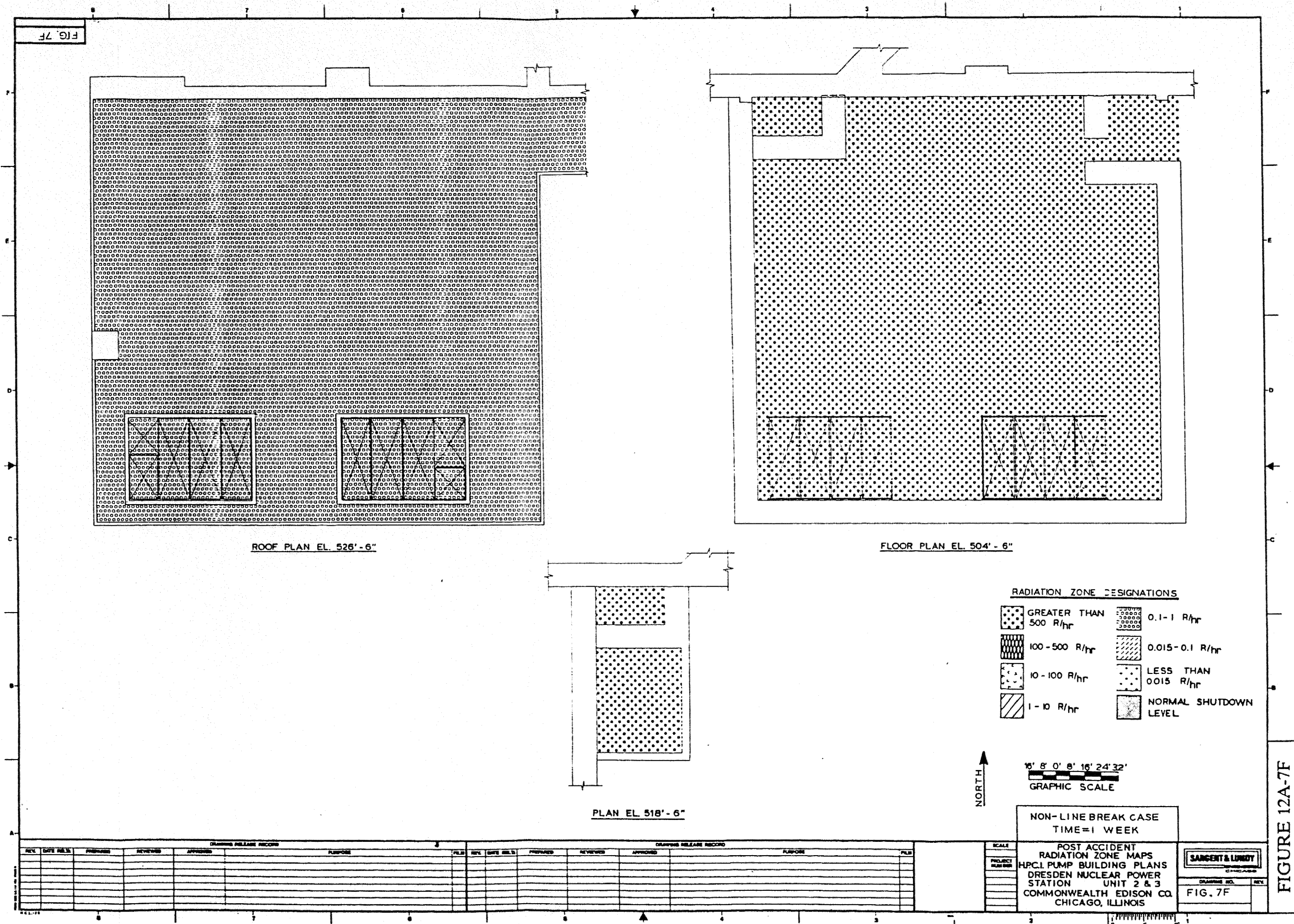












EIGTYPE 12A-7E