

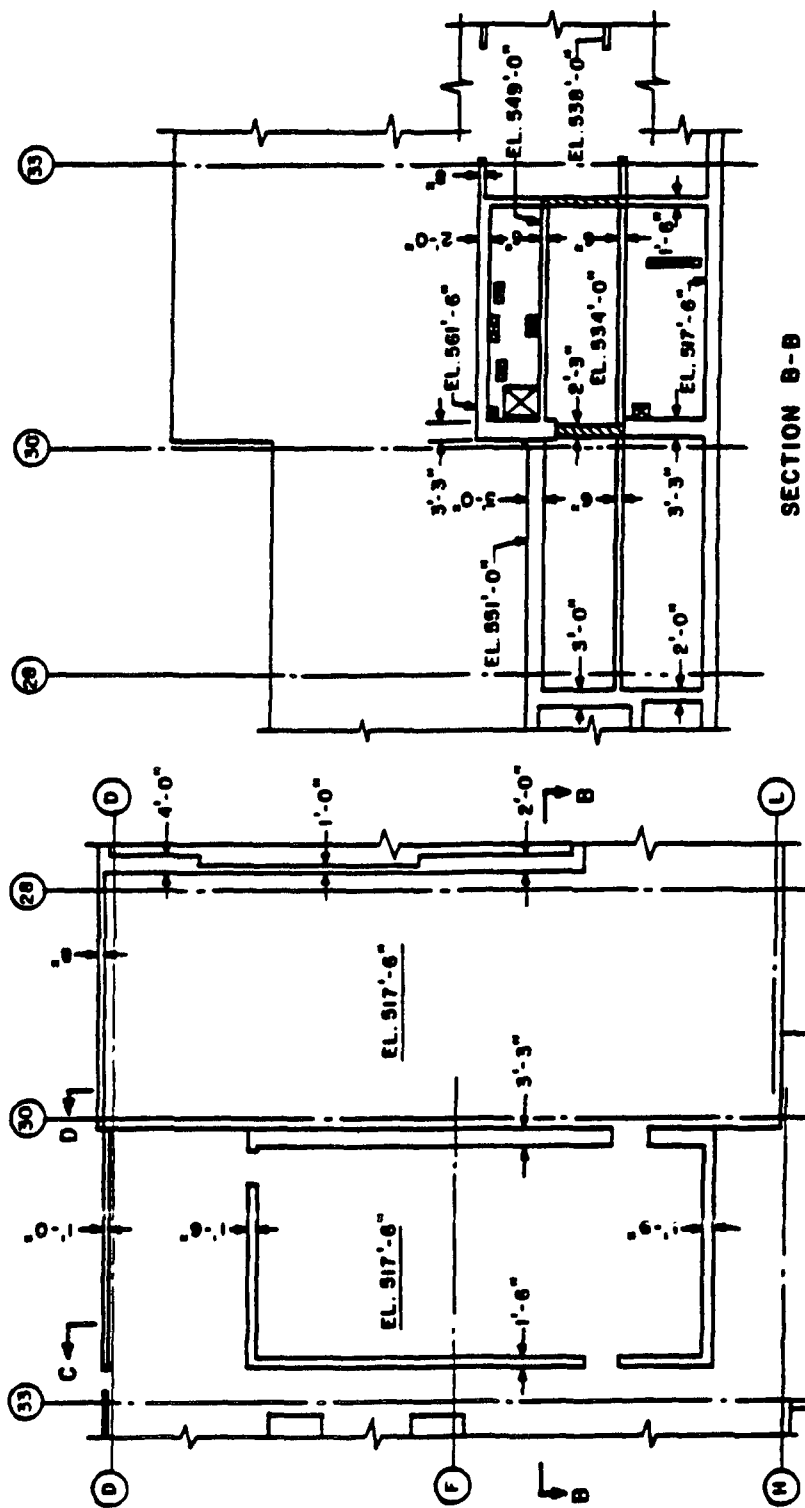
DRESDEN STATION UNITS 2 & 3
CONTROL ROOM LOCATION AND SHIELDING - SECTION "A-A"
FIGURE 12.3-2

Security Related
Information
Figure Withheld Under 10
CFR 2.390

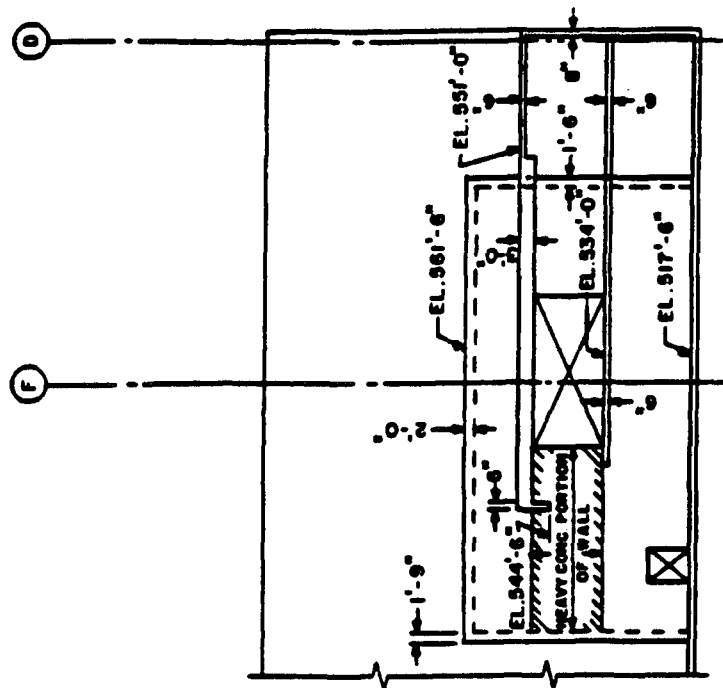
DRESDEN STATION
UNITS 2 & 3

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

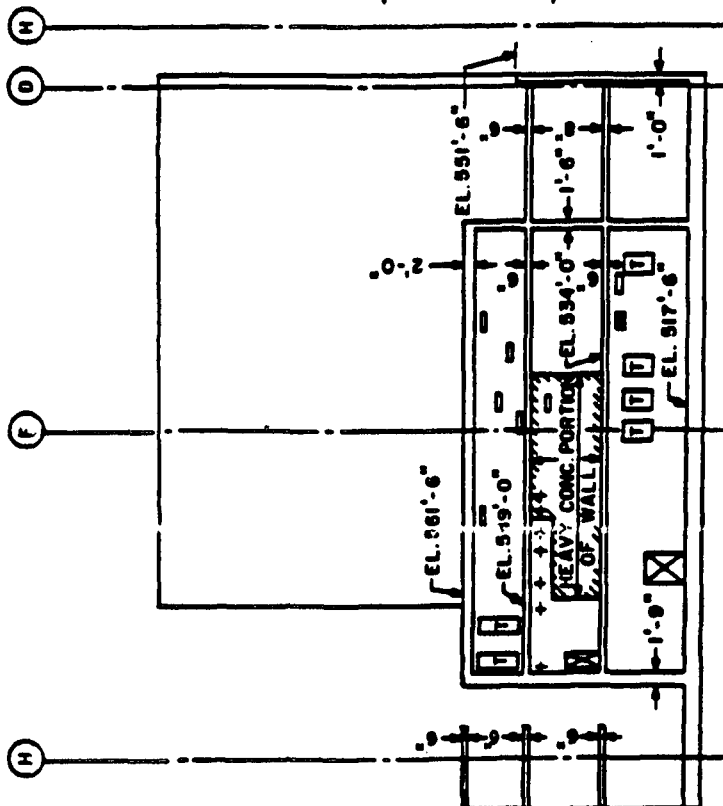
FIGURE 12.3-3



DRESDEN STATION UNITS 2 & 3
CONTROL ROOM LOCATION AND SHIELDING 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

FIG. 1

Security Related Information

Figure Withheld Under 10 CFR 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
ENGINEERS
DRAWING NO
FIG. 1

FIGURE 12A-1

Security Related Information
Figure Withheld Under 10 CFR 2.390

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	
DRAWING NO. FIG. 1A	

FIGURE 12A-1A

Security Related Information
Figure Withheld Under 10 CFR 2.390

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 ENGINEERS CHICAGO	
DRAWING NO.	FIG. 1B

FIGURE 12A-1B

Security Related Information
Figure Withheld Under 10 CFR 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
ENGINEERS
CHICAGO
DRAWING NO.
FIG.1C

FIGURE 12A-1C

Security Related Information
Figure Withheld Under 10 CFR 2.390

NON 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 ENGINEERS CHICAGO	
DRAWING NO.	FIG. 1D

FIGURE 12A-1D

Security Related Information
Figure Withheld Under 10 CFR 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	

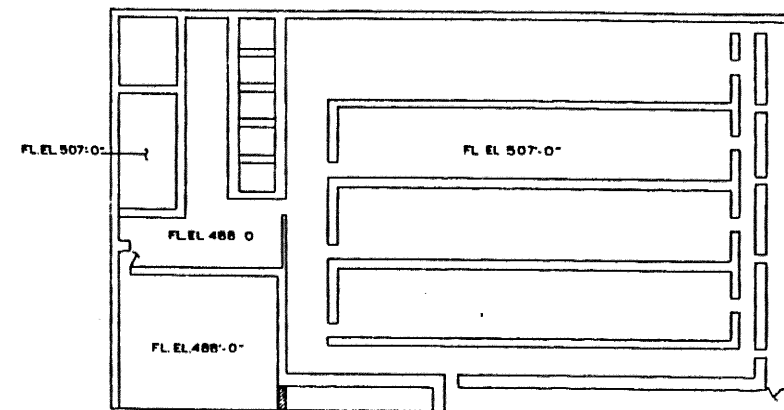
FIGURE 12A-1E

Security Related Information
Figure Withheld Under 10 CFR 2.390

NON-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	<div>SARGENT & LUNDY ENGINEERS CHICAGO</div> <div>DRAWING NO</div> <div>FIG.1F</div>

FIGURE 12A-1F

FIG. 2

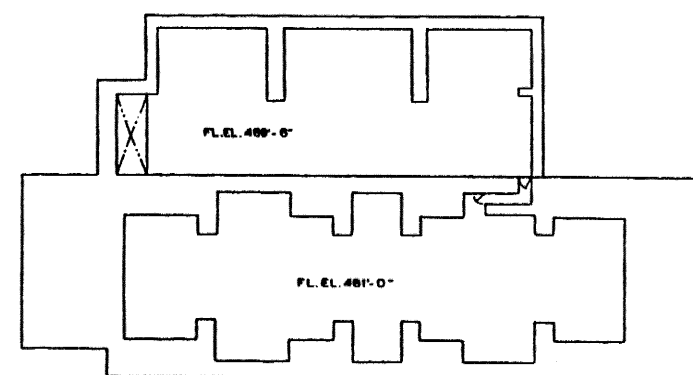


RADWASTE BUILDING

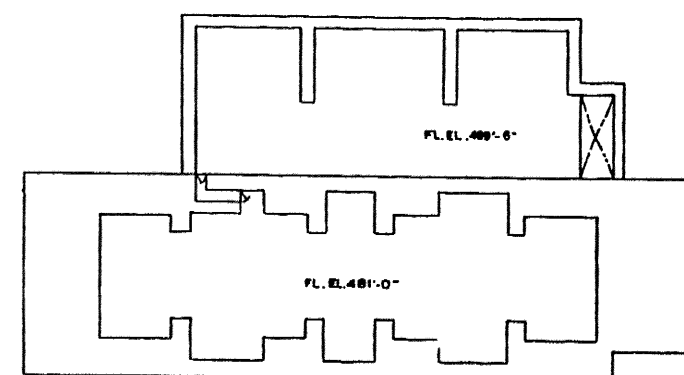
RADIATION ZONE DESIGNATIONS

	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

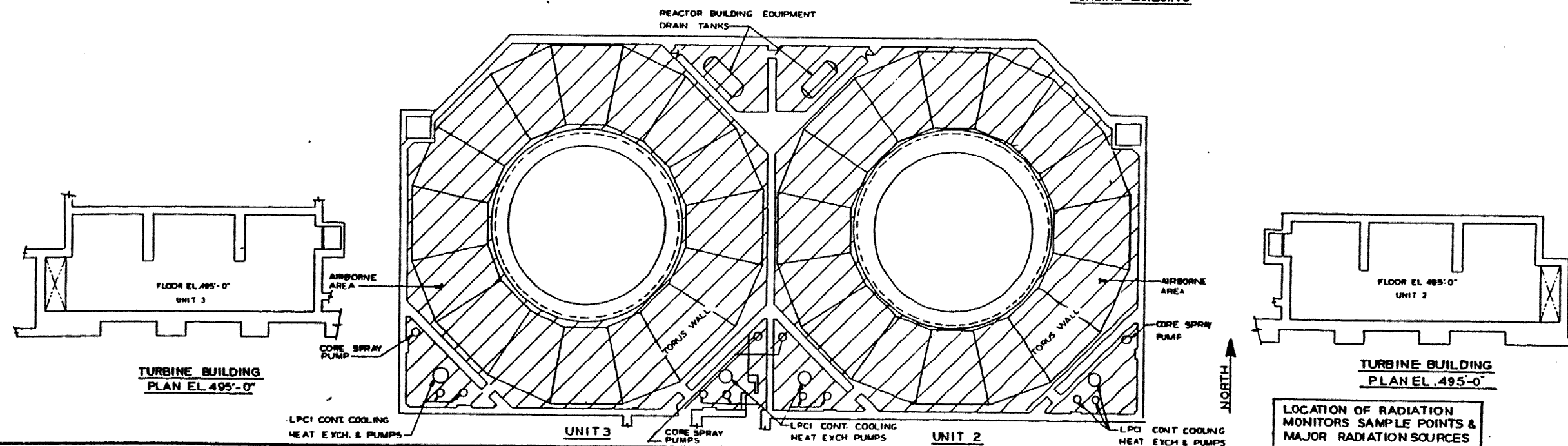
10' 8' 0' 8' 16' 24' 32'
GRAPHIC SCALE



TURBINE BUILDING



TURBINE BUILDING



TURBINE BUILDING
PLAN EL 495'-0"

TURBINE BUILDING
PLAN EL 495'-0"

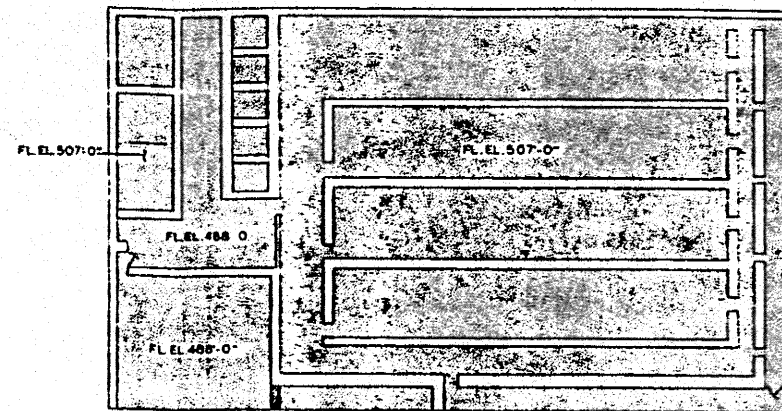
LOCATION OF RADIATION
MONITORS SAMPLE POINTS &
MAJOR RADIATION SOURCES

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

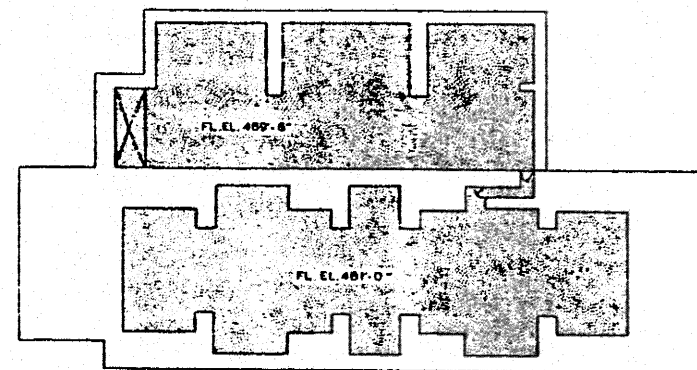
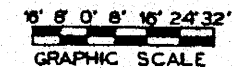
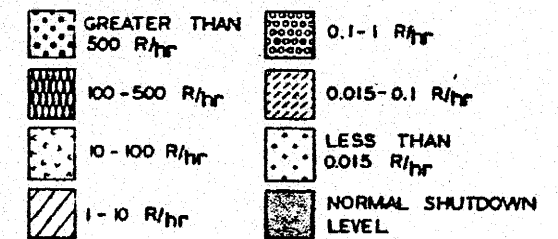
FIGURE 12A-2

FIG. 2A

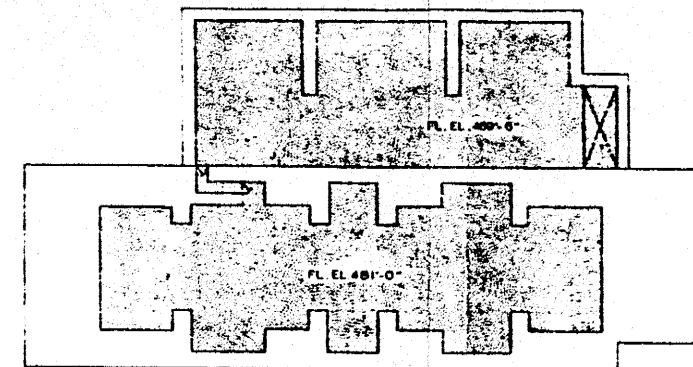


RADWASTE BUILDING

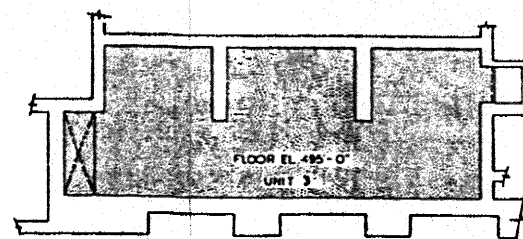
RADIATION ZONE DESIGNATIONS



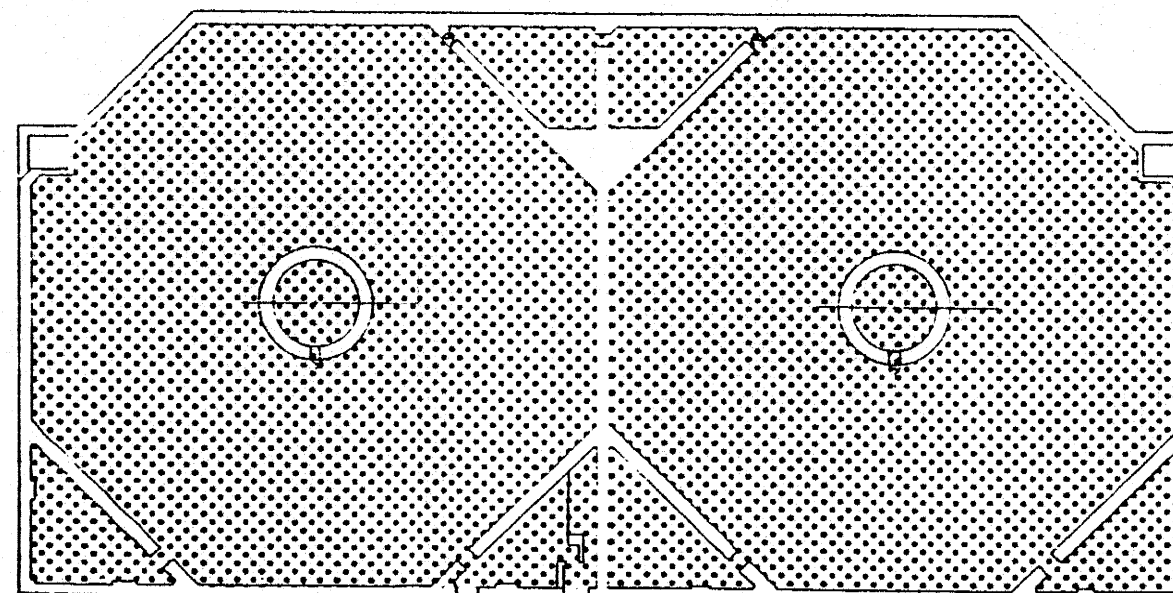
TURBINE BUILDING



TURBINE BUILDING

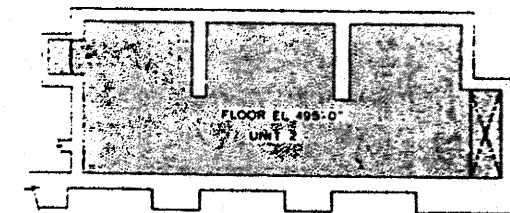


TURBINE BUILDING
PLAN EL. 495'-0"



UNIT 3

UNIT 2



TURBINE BUILDING
PLAN EL. 495'-0"

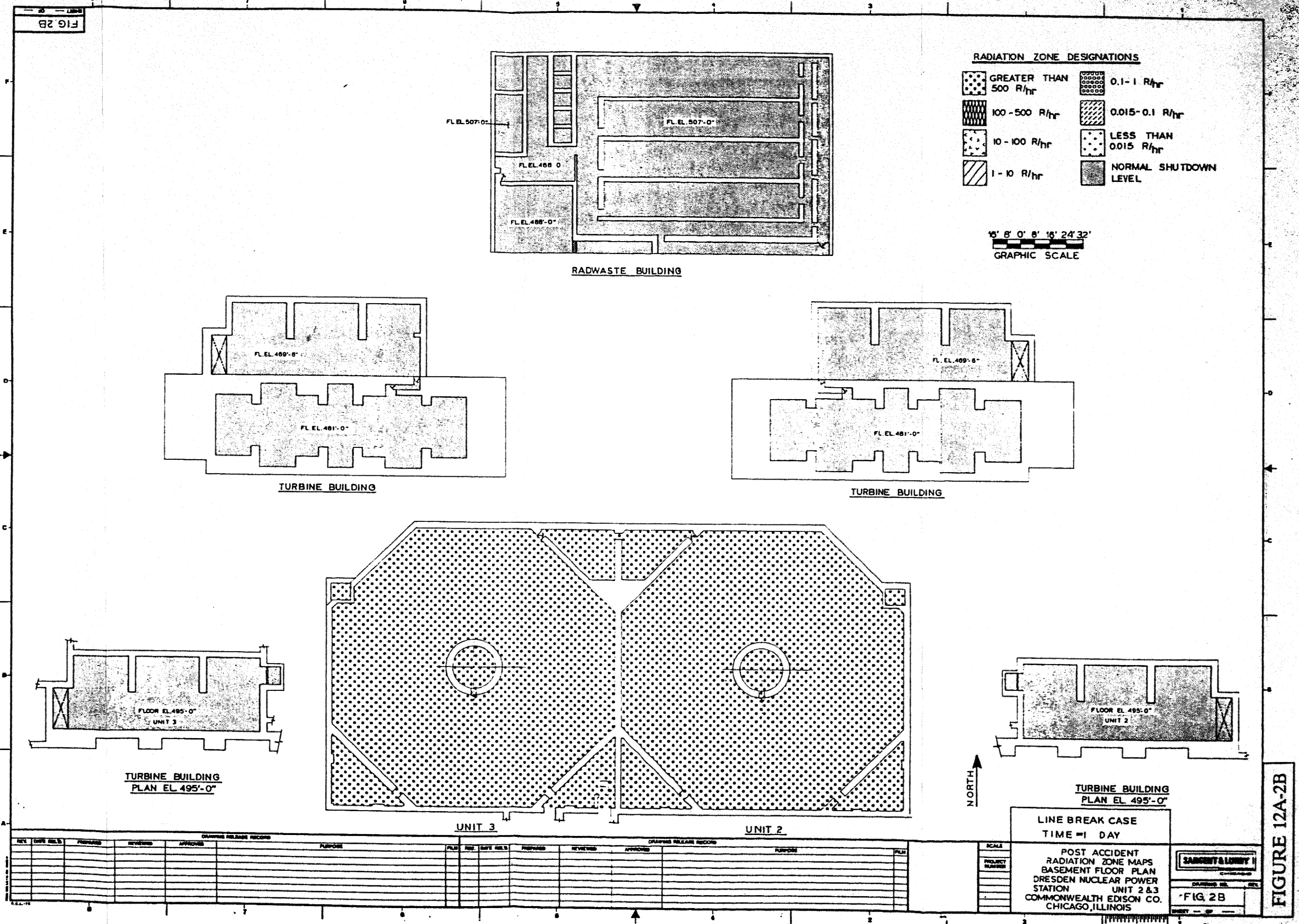
LINE BREAK CASE
TIME = 1 HOUR

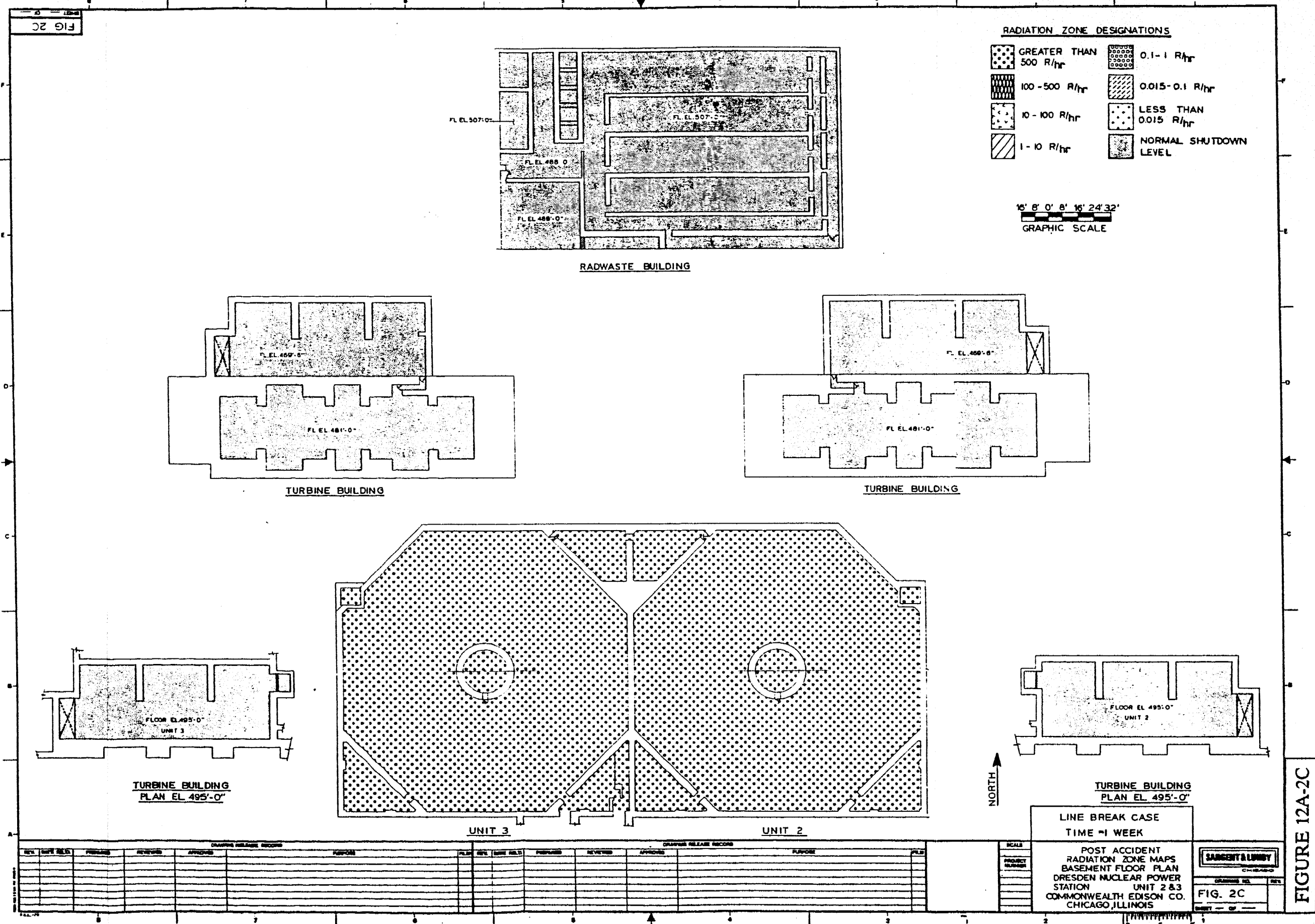
POST ACCIDENT
RADIATION ZONE MAPS
BASEMENT FLOOR PLAN
DRESDEN NUCLEAR POWER
STATION UNIT 2 & 3
COMMONWEALTH EDISON CO.
CHICAGO, ILLINOIS

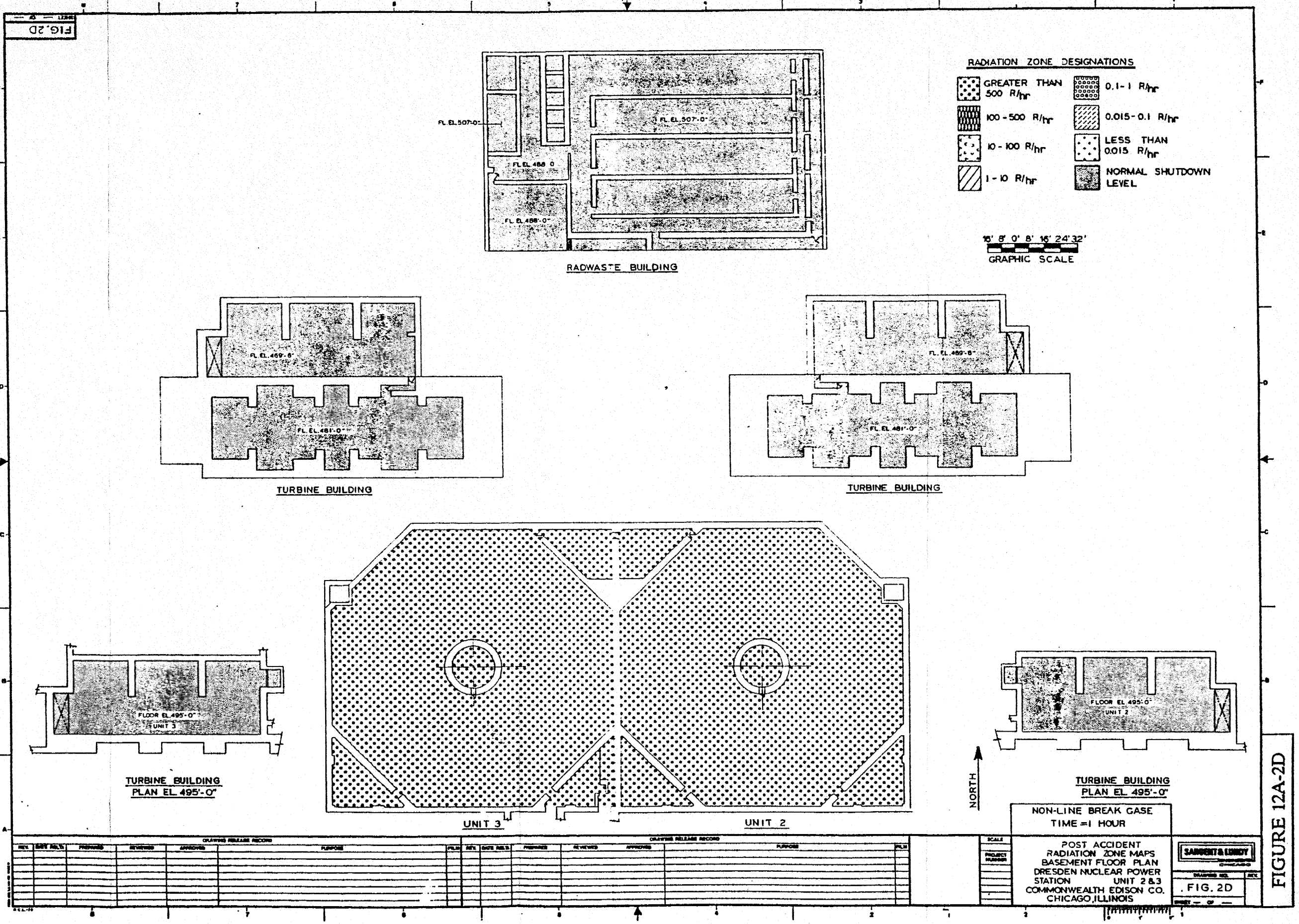
SARGENT & LUNDY

FIG. 2A

FIGURE 12A-2A







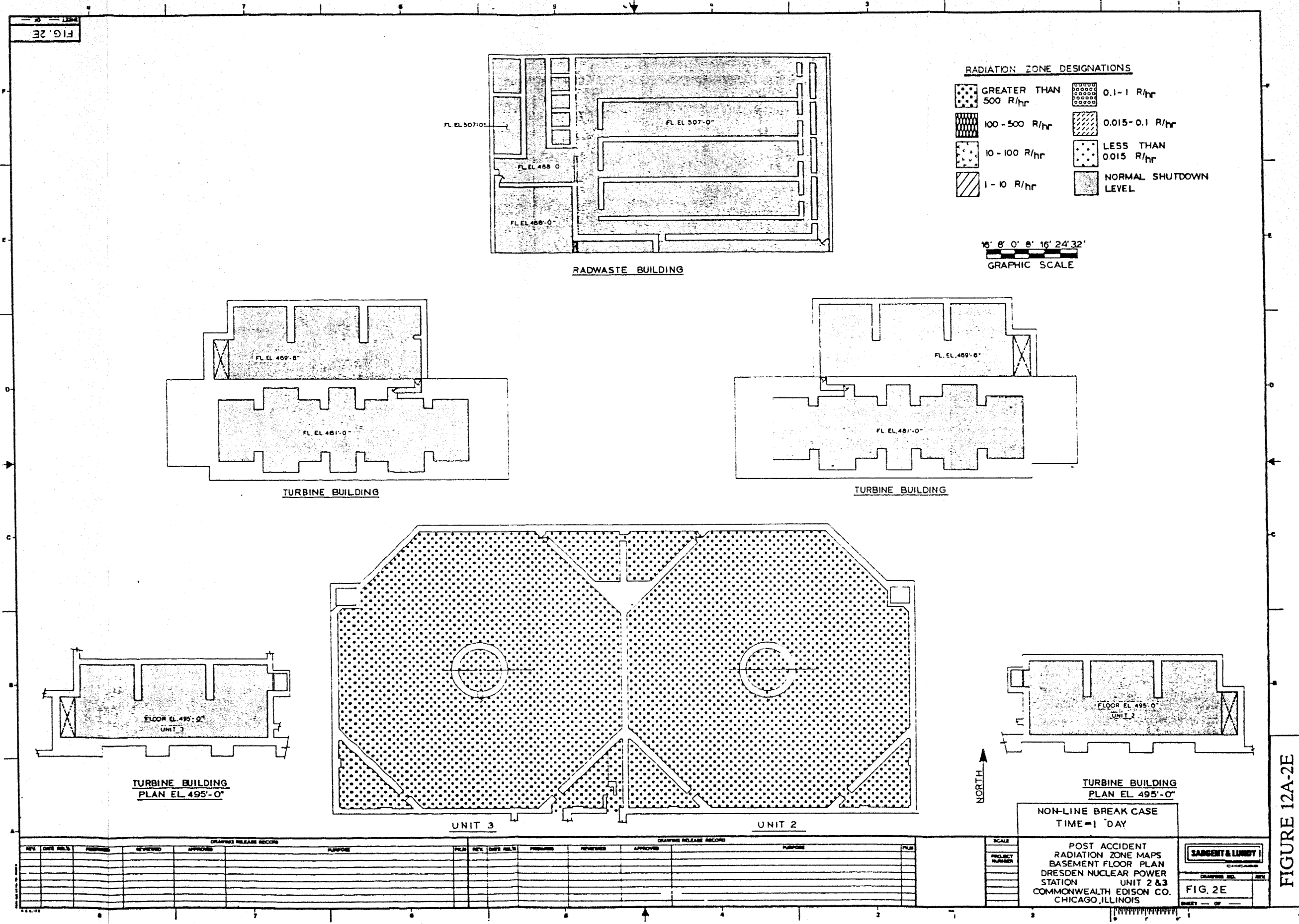
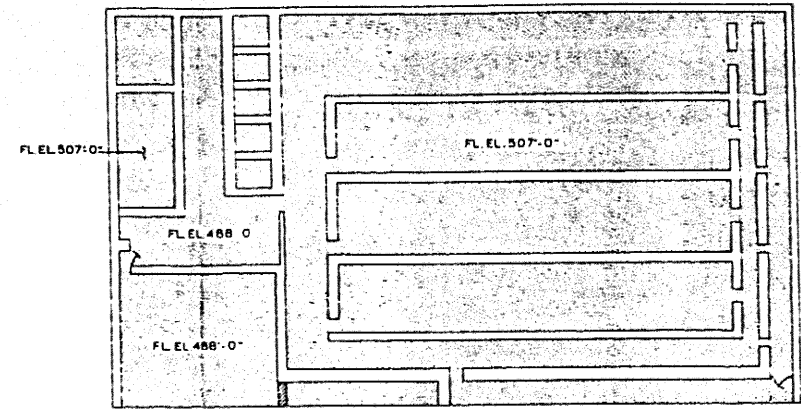


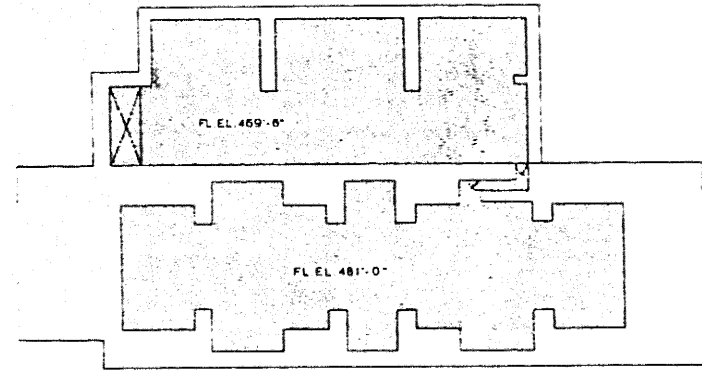
FIG. 2F



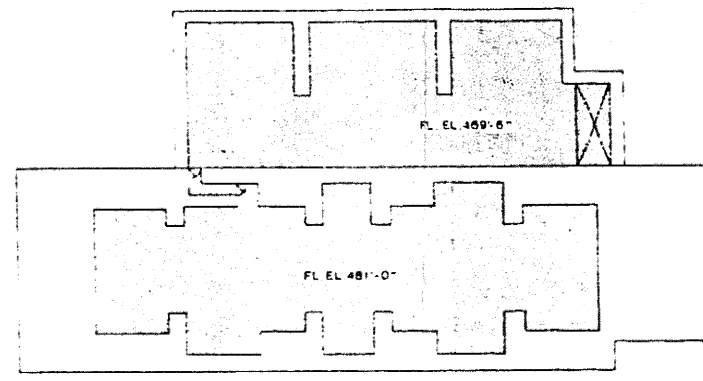
RADWASTE BUILDING

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

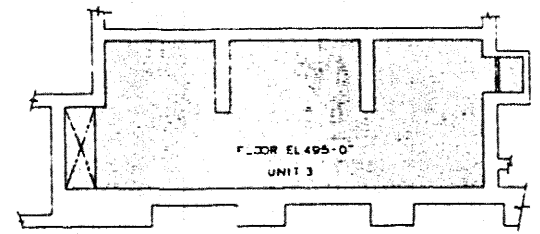
16' 8' 0' 8' 16' 2'-32'
GRAPHIC SCALE



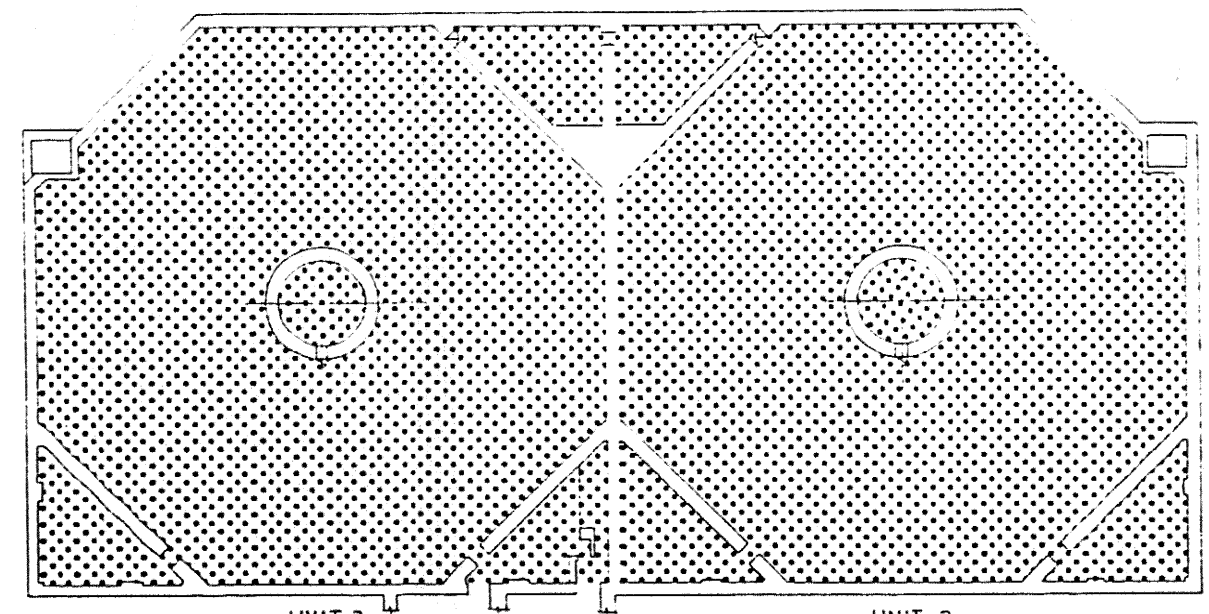
TURBINE BUILDING



TURBINE BUILDING

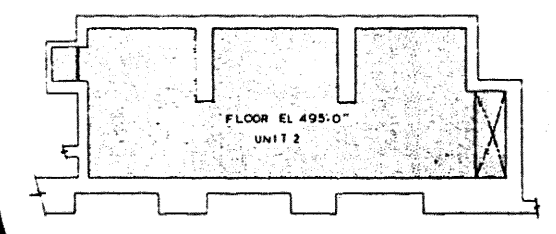


TURBINE BUILDING
PLAN EL. 495'-0"



UNIT 3

UNIT 2



TURBINE BUILDING
PLAN EL. 495'-0"

NORTH

NON-LIVE BREAK CASE
TIME = 1 WEEK

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

SCALE
PROJECT NUMBER

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

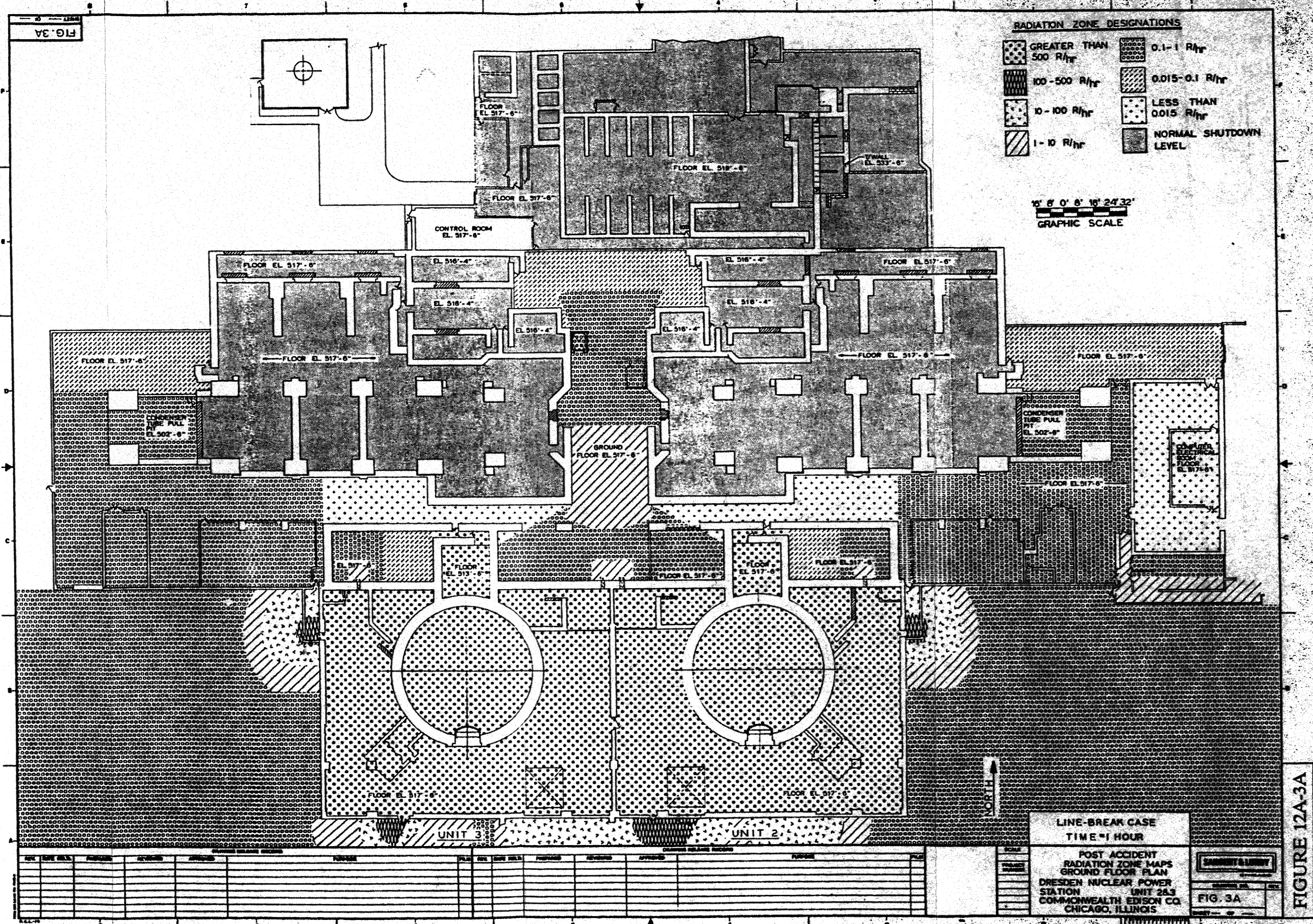
Security Related Information
Figure Withheld Under 10 CFR 2.390

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

BARRETT & HENRY
CHICAGO
FIG. 3

FIGURE 12A-3



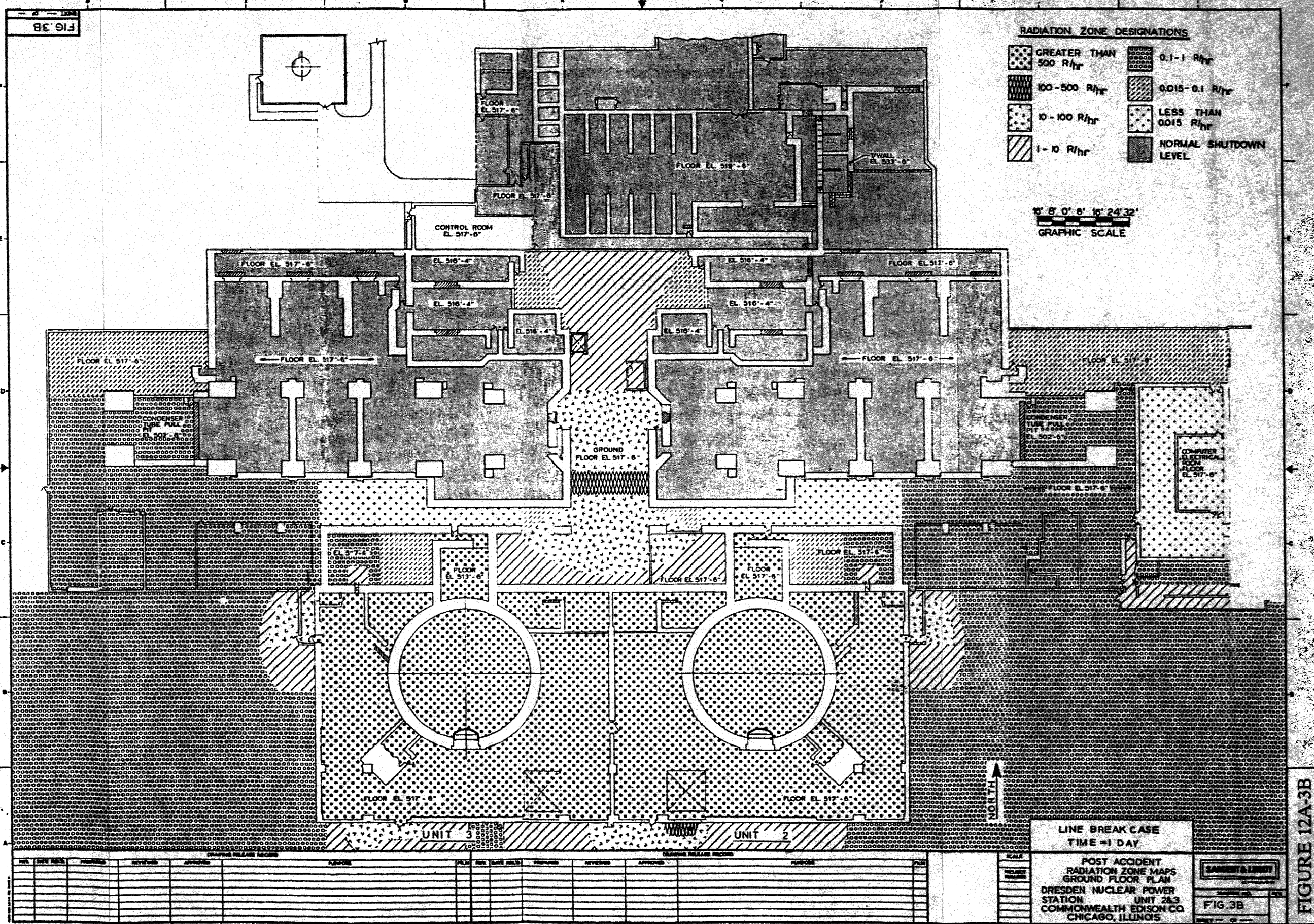
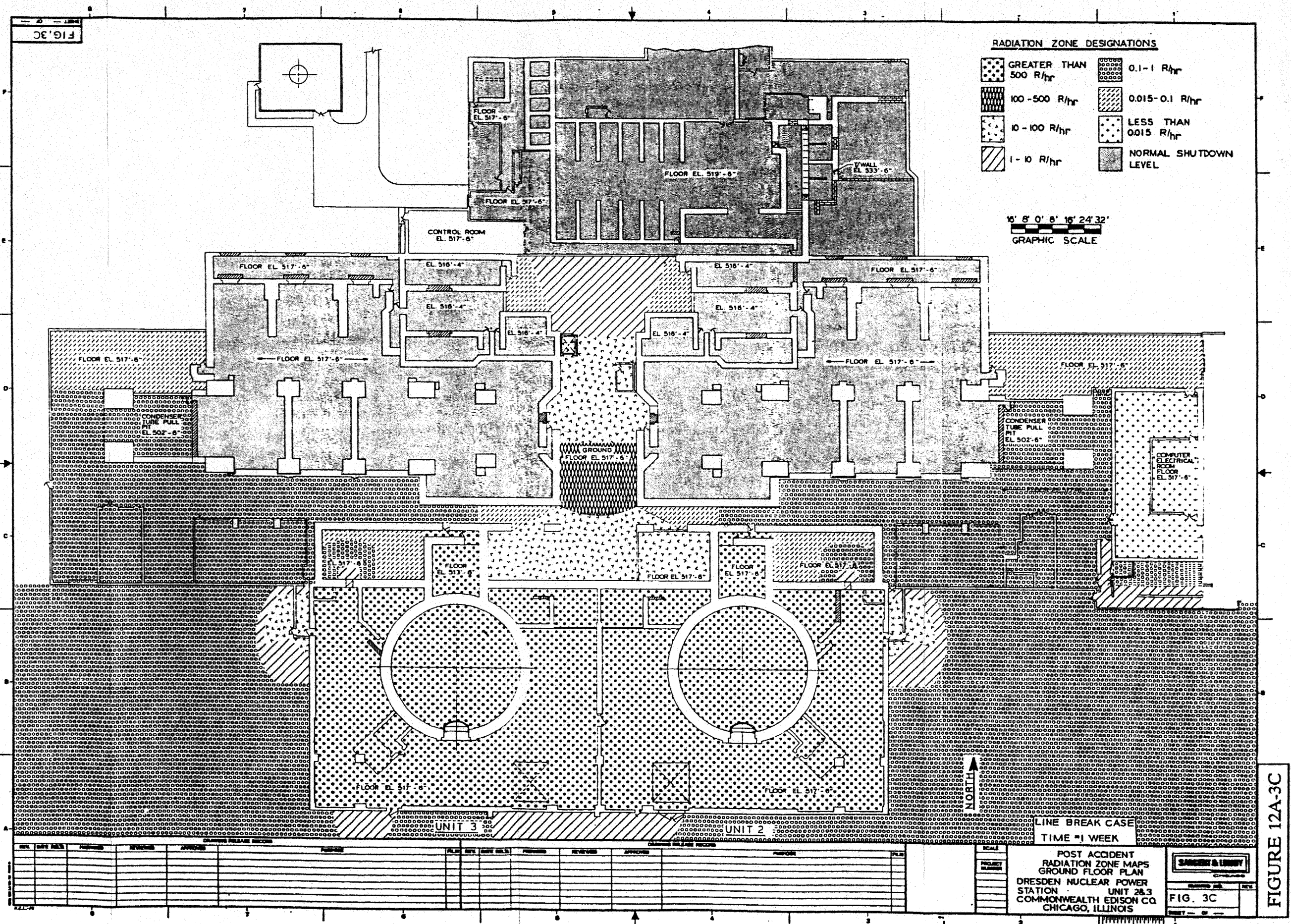


FIGURE 12A-3B



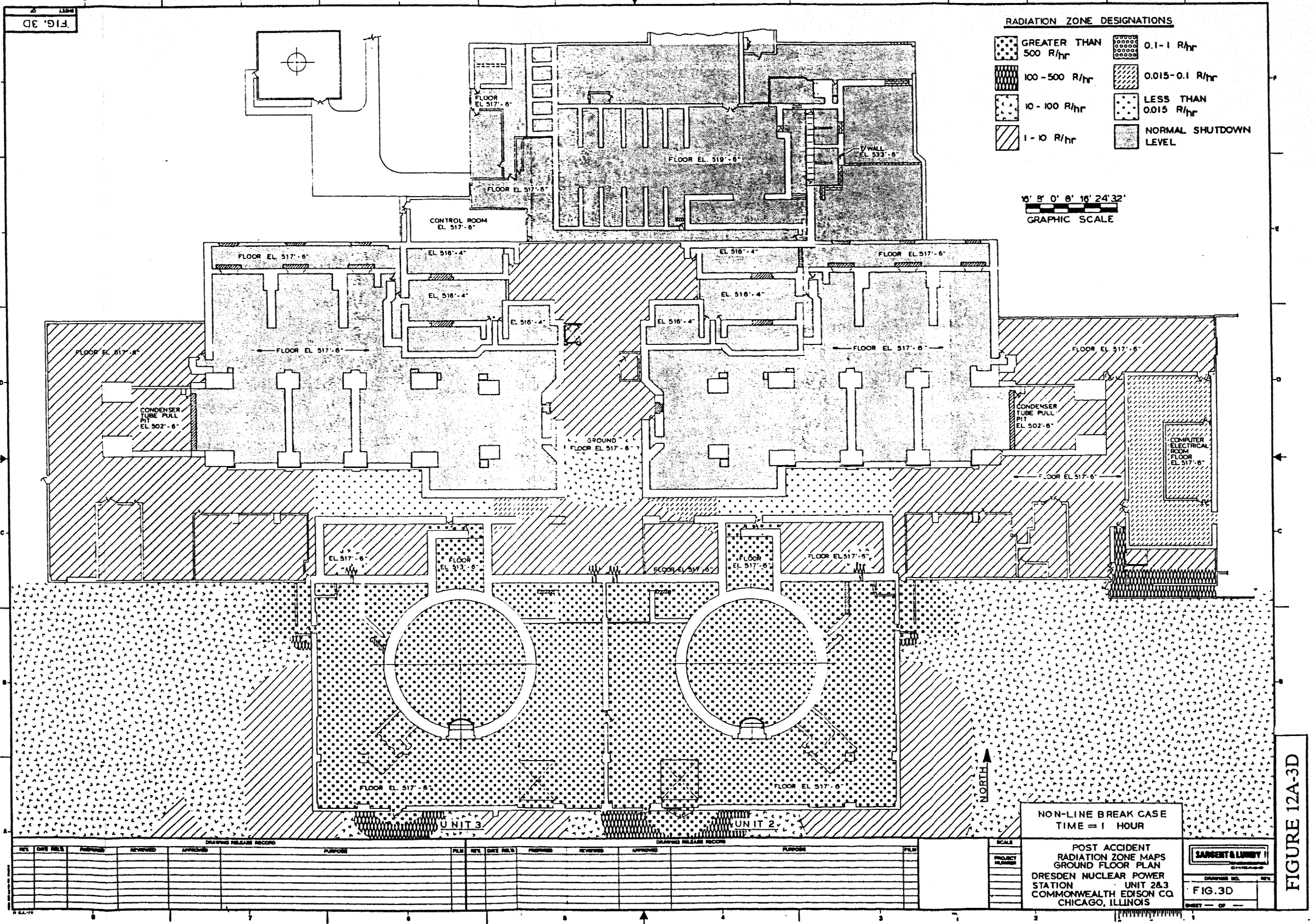
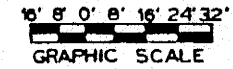
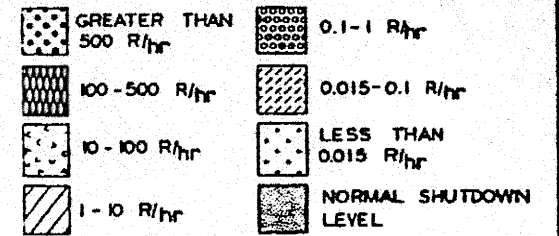


FIGURE 12A-3D

RADIATION ZONE DESIGNATIONS



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

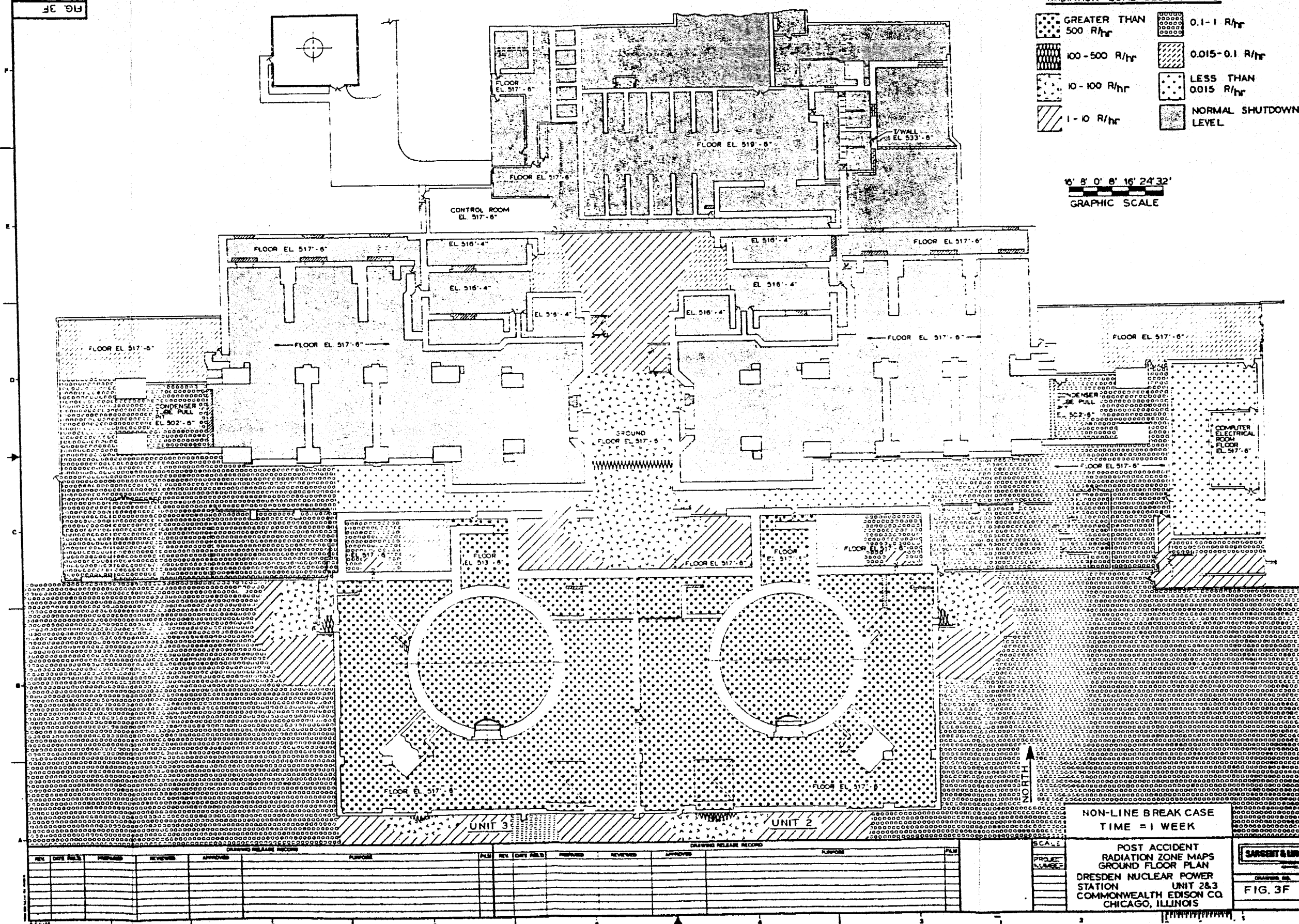
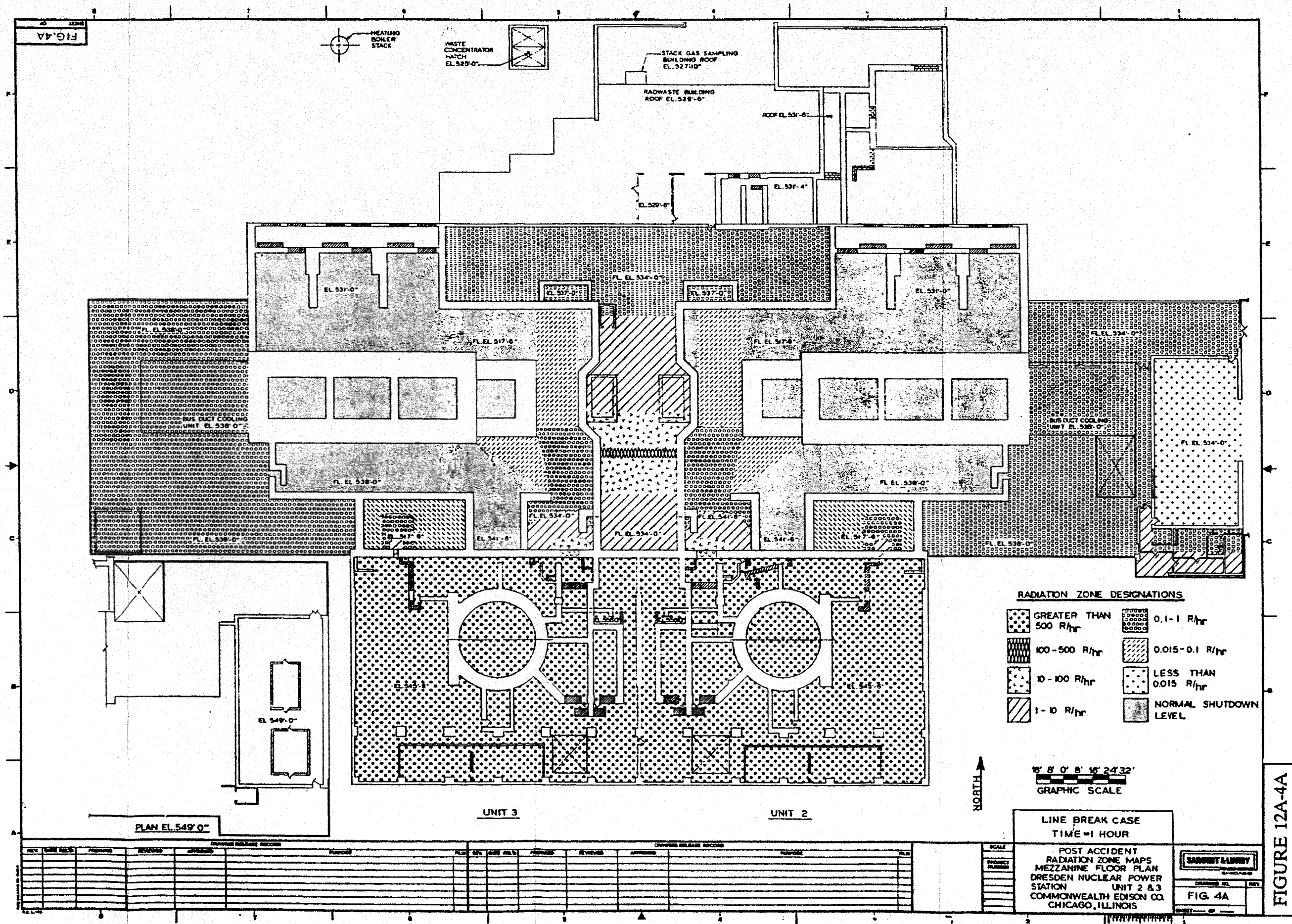


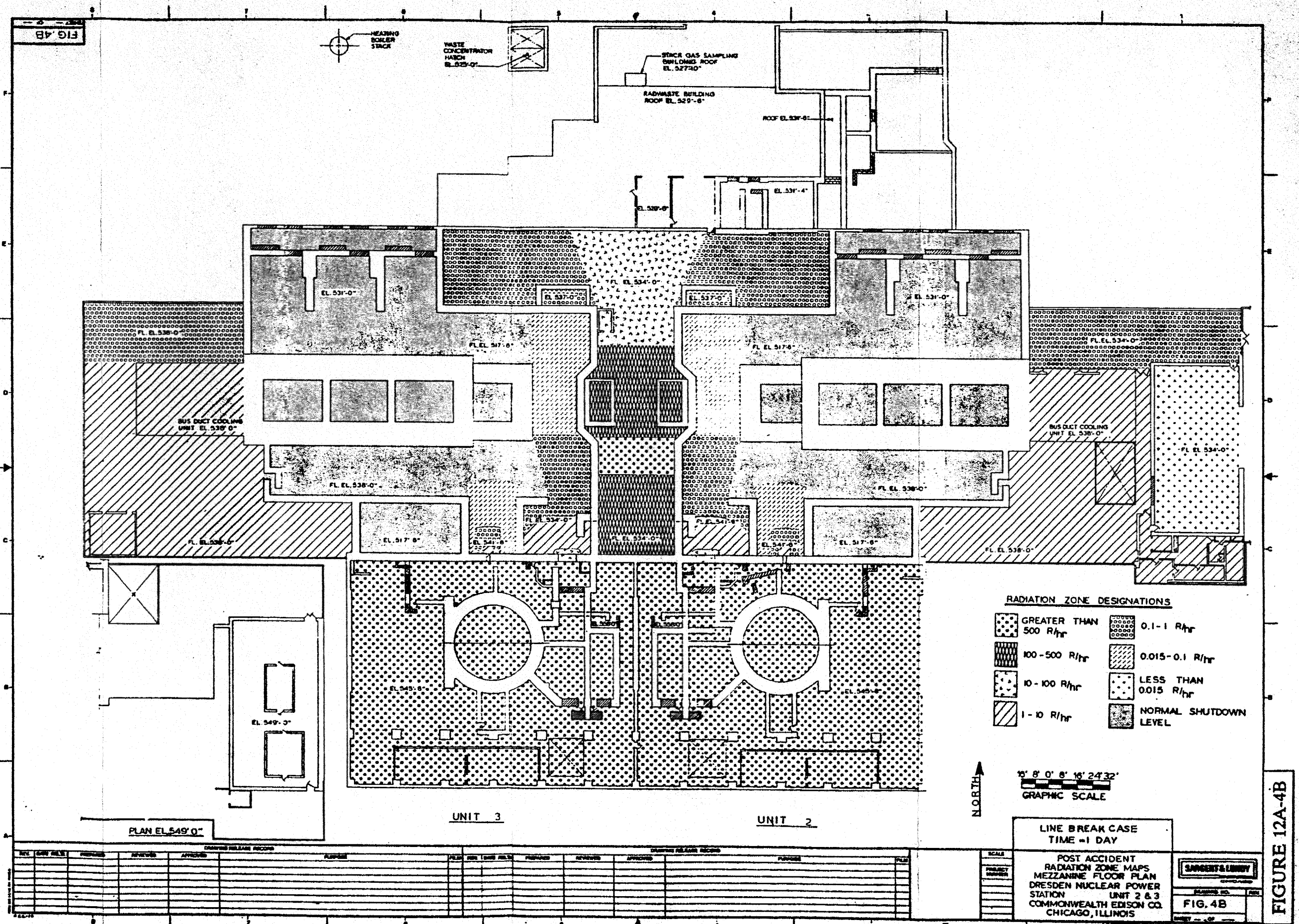
FIGURE 12A-3F

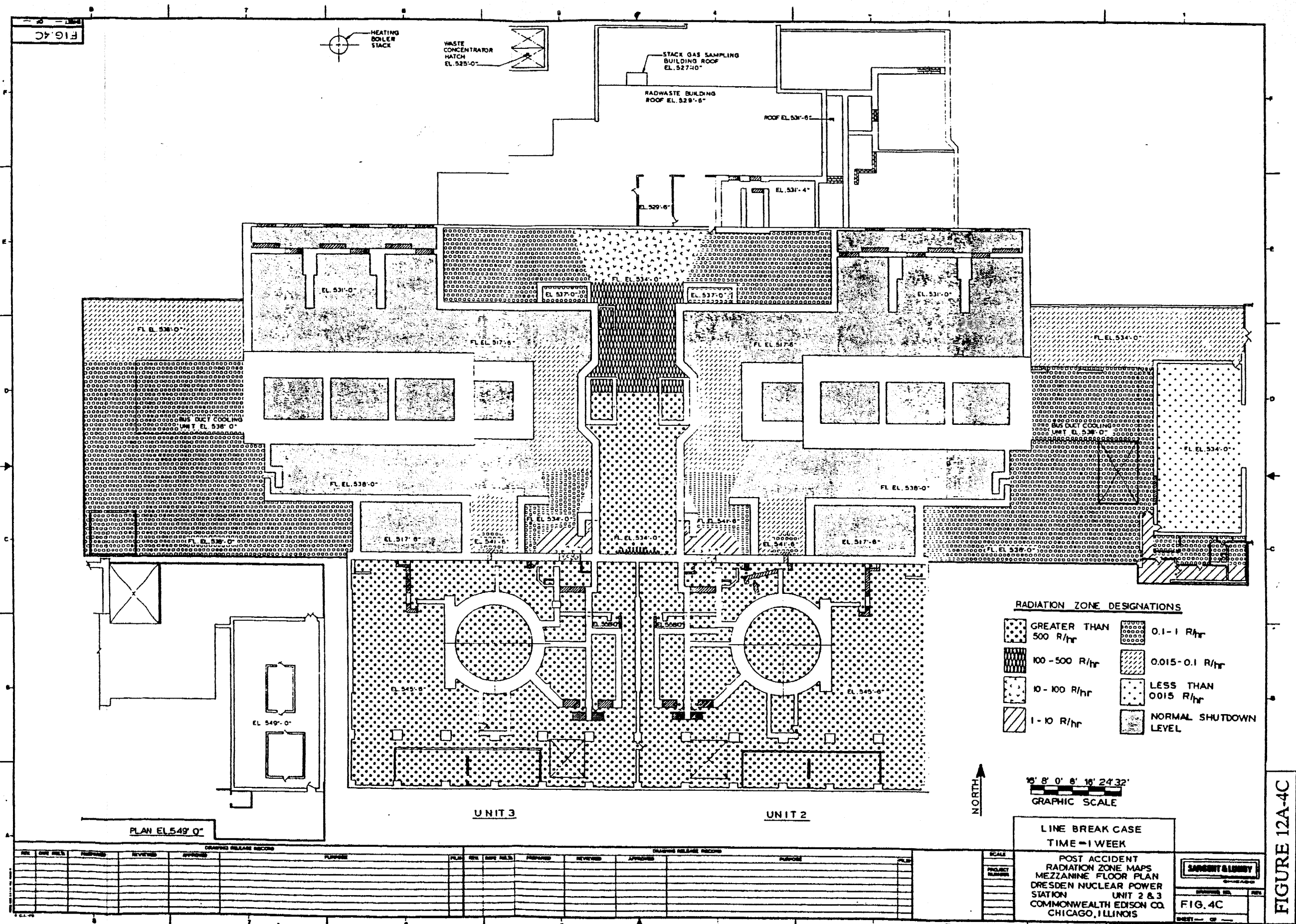
Security Related Information
Figure Withheld Under 10 CFR 2.390

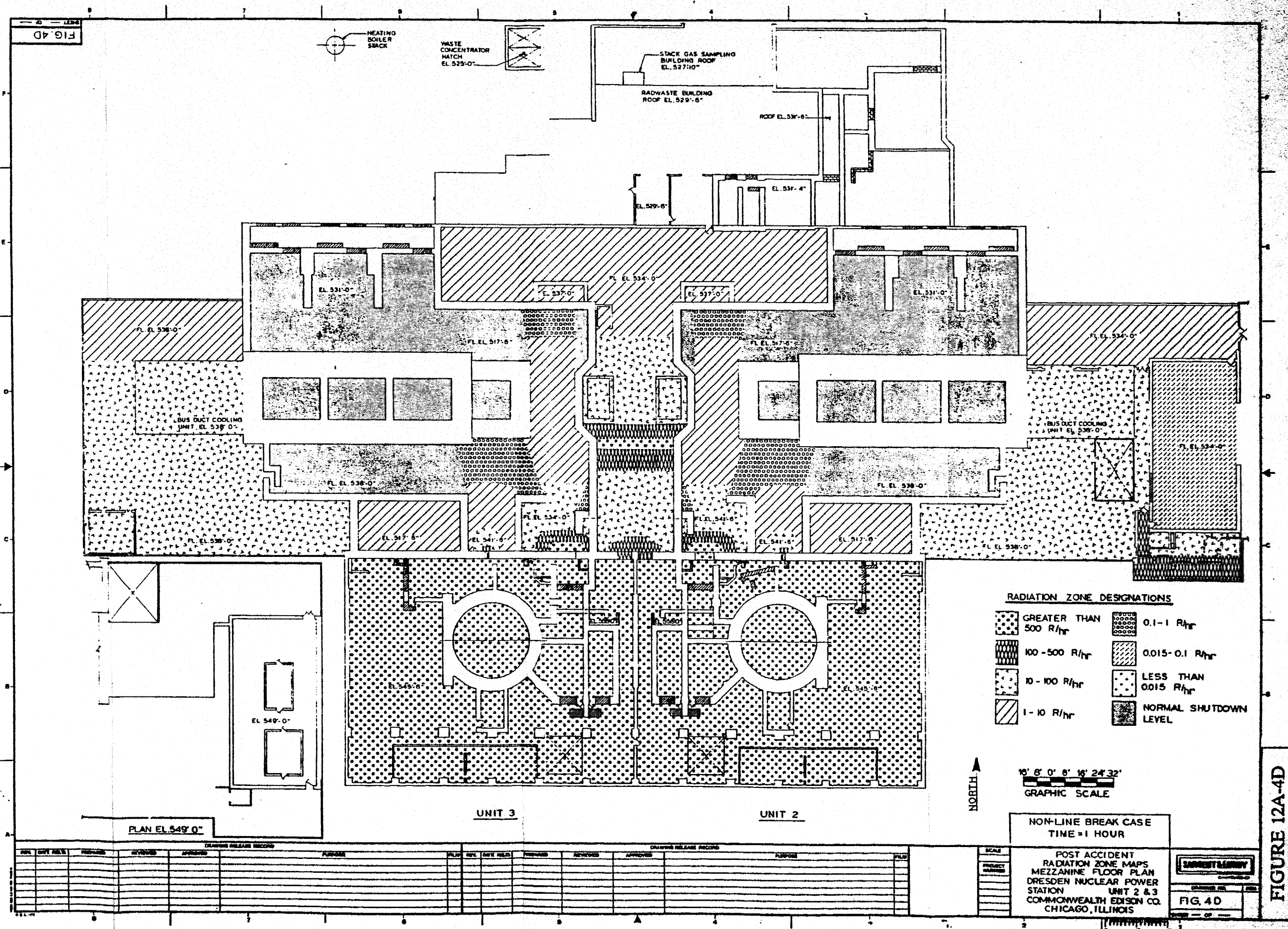
POST ACCIDENT RADIATION ZONE MAPS MEZZANINE FLOOR PLAN DRESDEN NUCLEAR POWER STATION UNIT 2 & 3 COMMONWEALTH EDISON CO. CHICAGO, ILLINOIS		SARGENT & Lundy ENGINEERS ARCHITECTS PLANNERS CONSULTANTS	
FIG. 4		REV. 01	

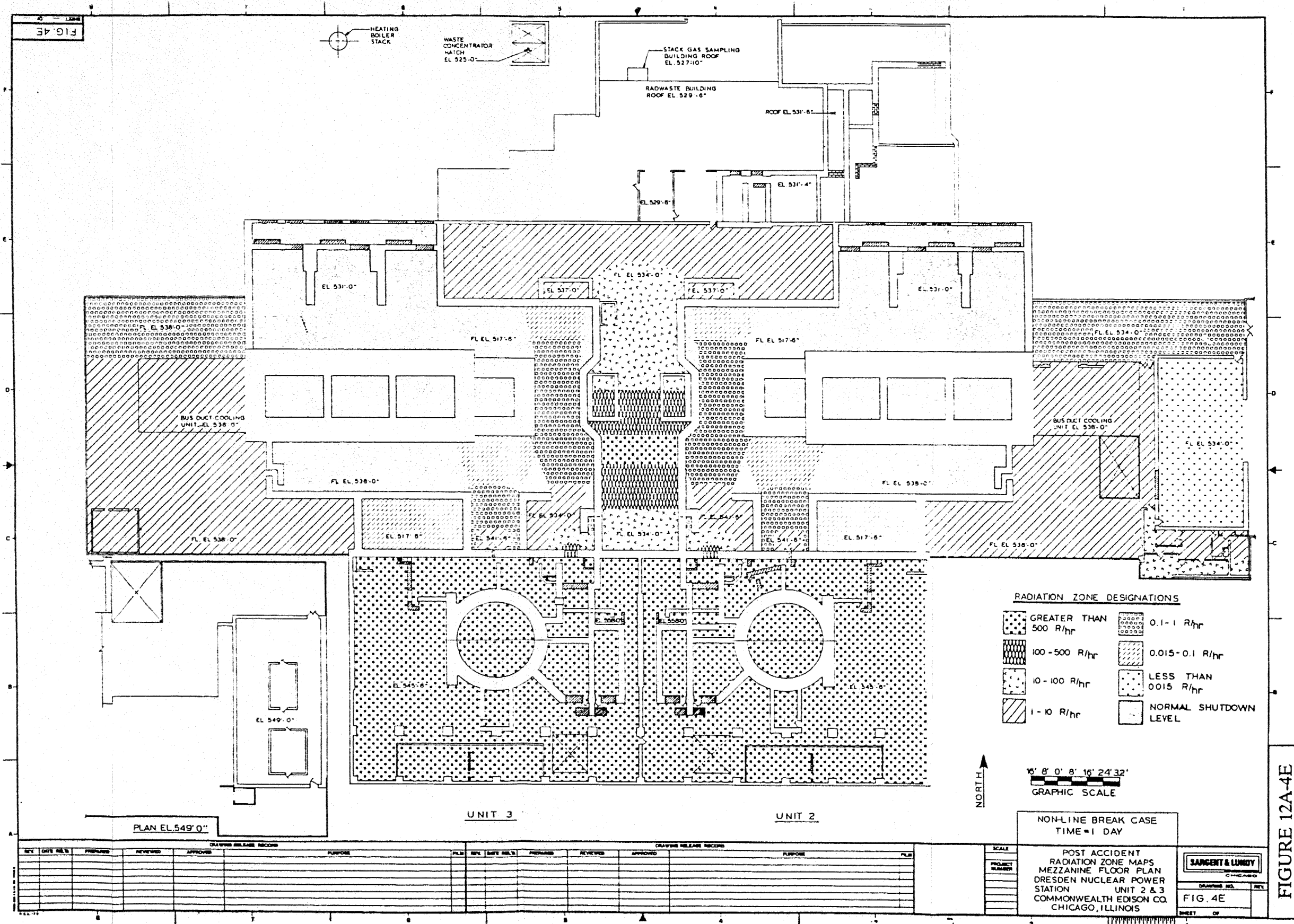
FIGURE 12A-4

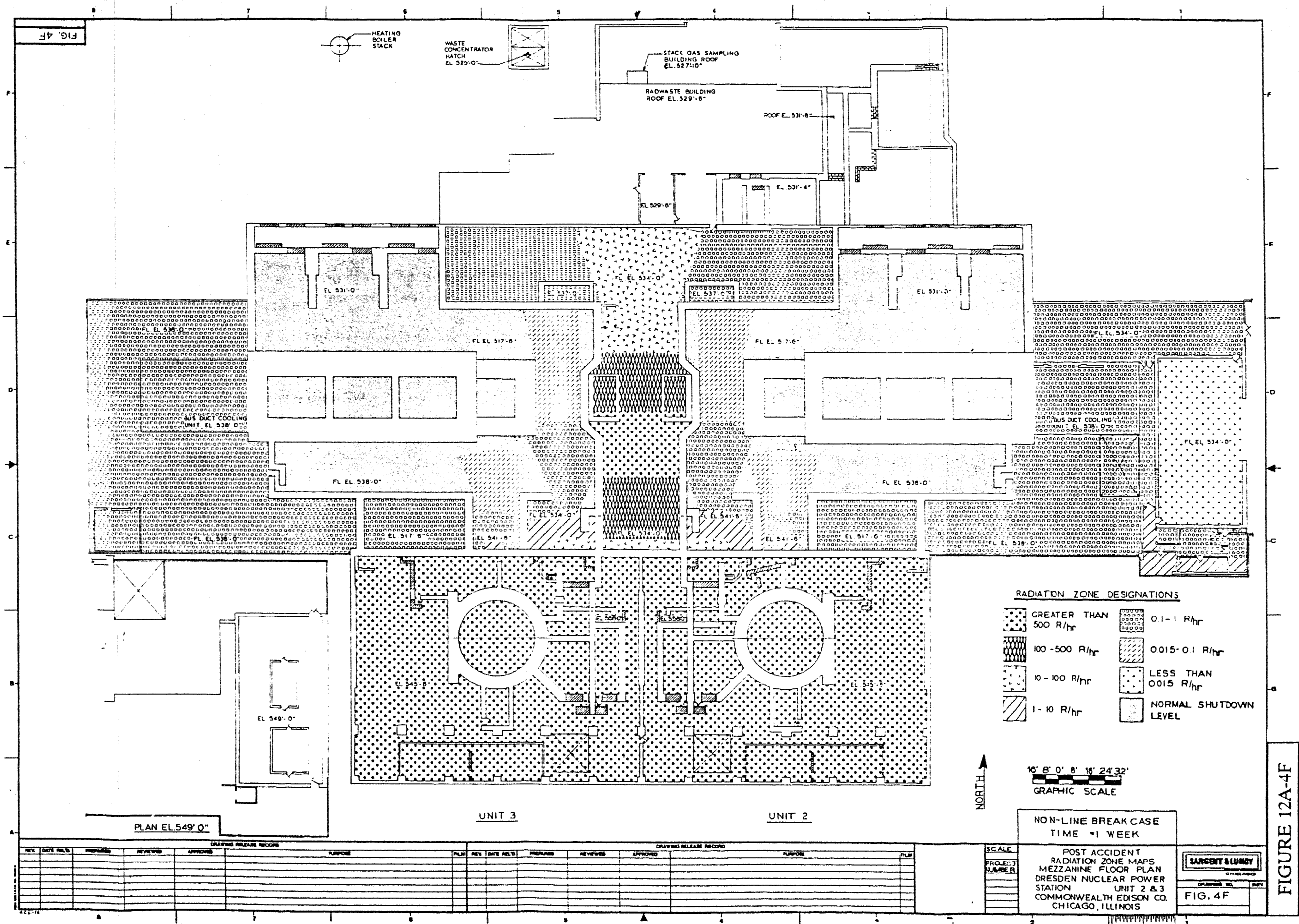












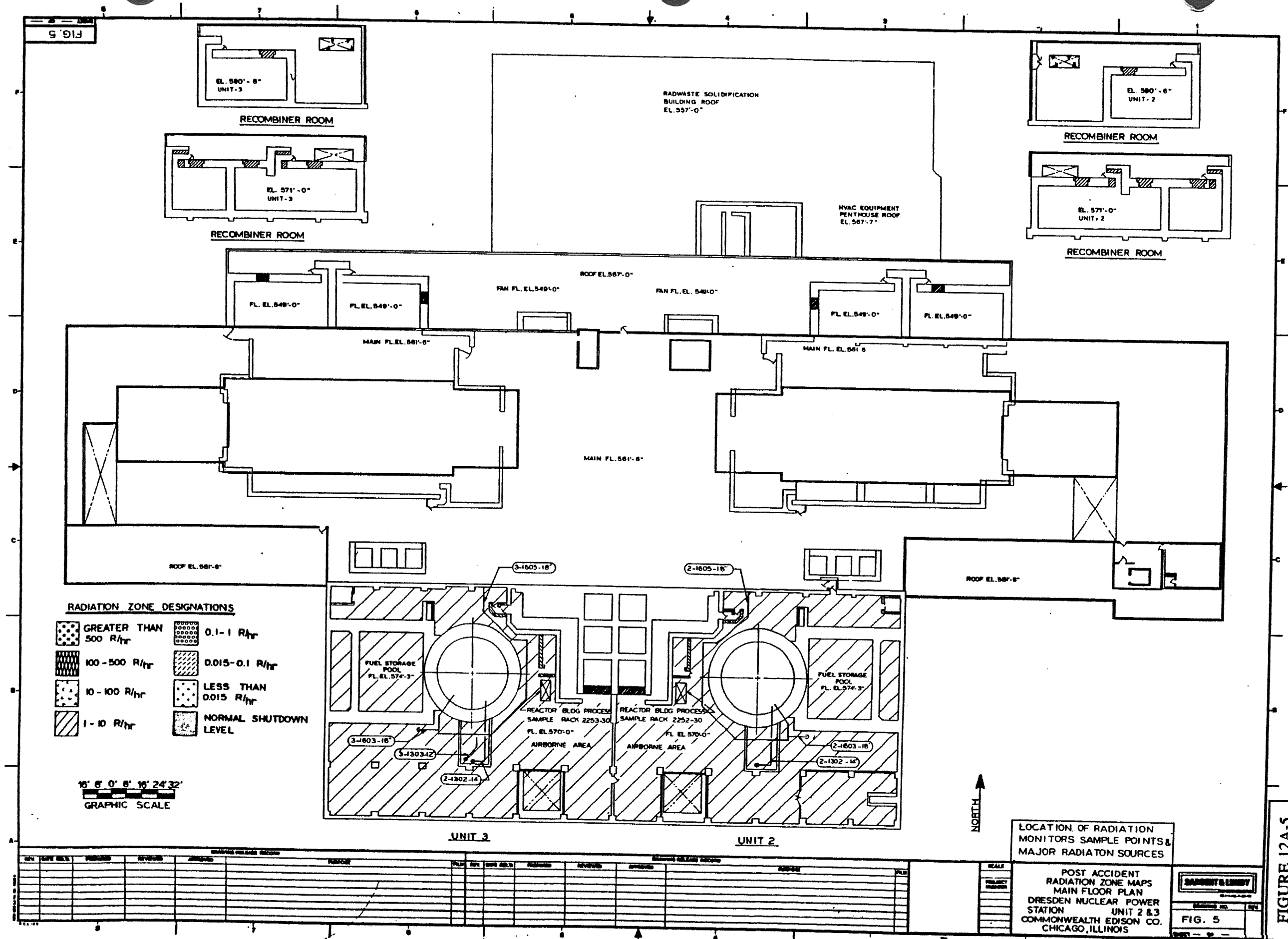
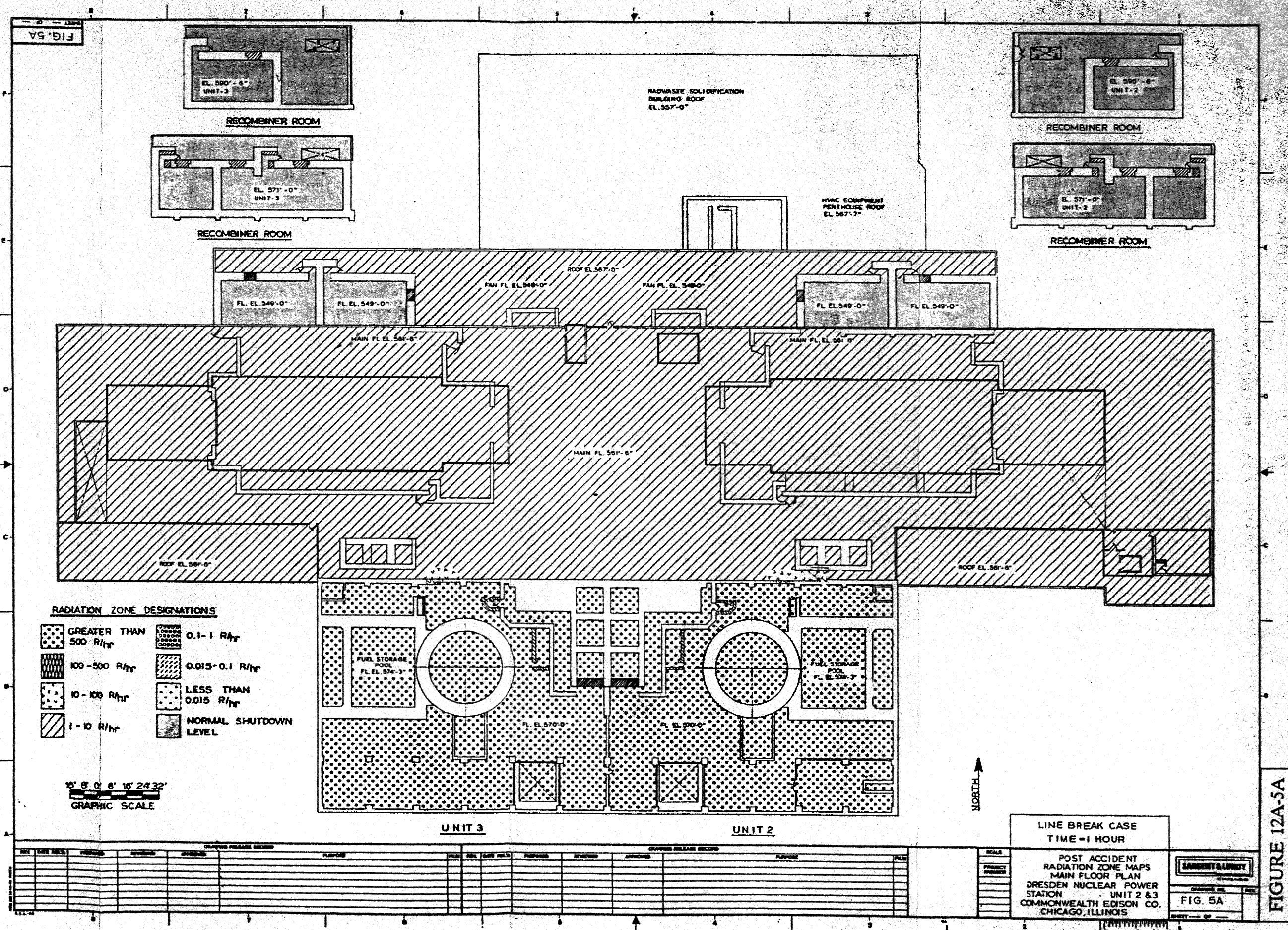


FIGURE 12A-5

LOCATION OF RADIATION MONITORS SAMPLE POINTS & MAJOR RADIATION SOURCES

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

FIG. 5



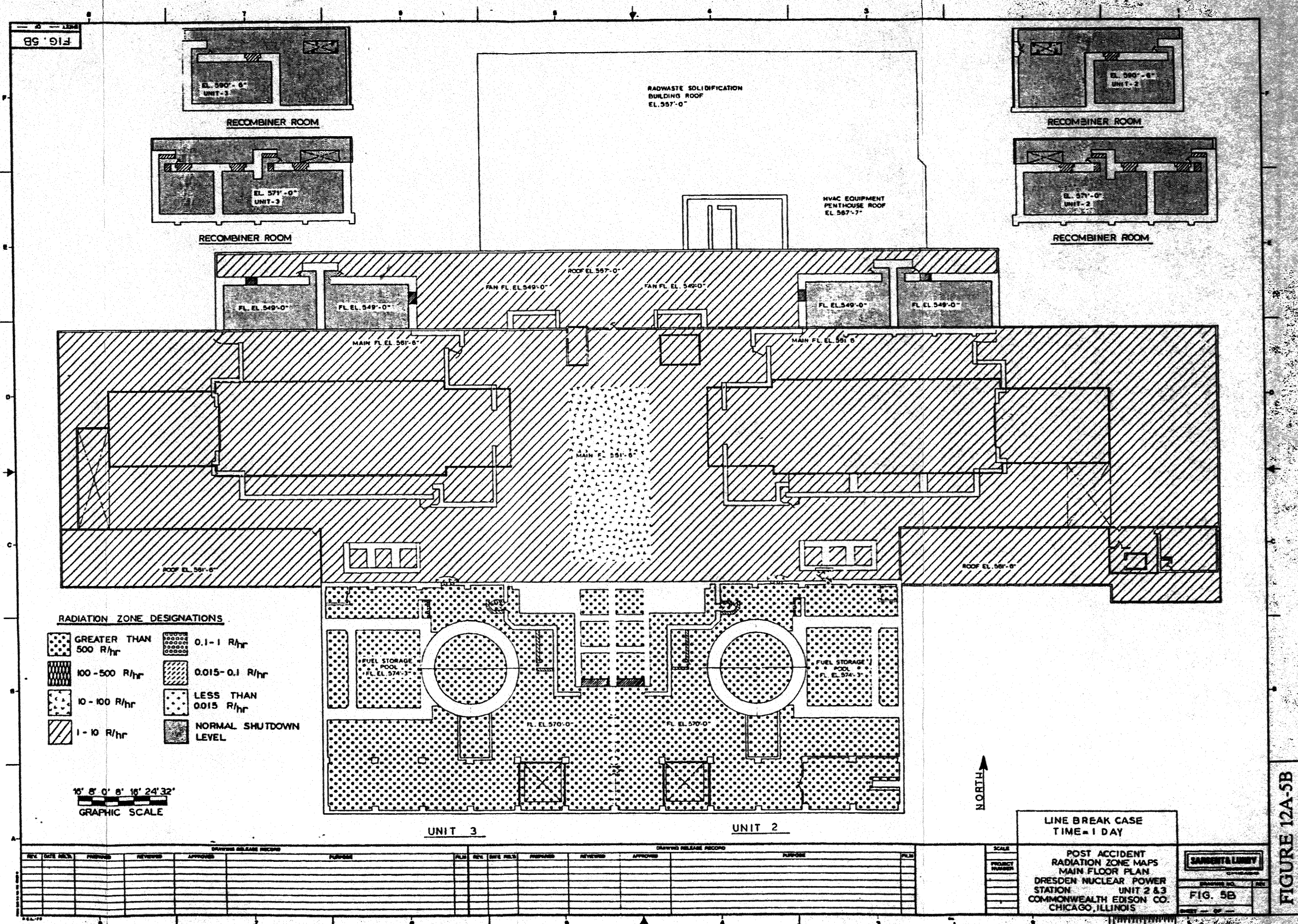
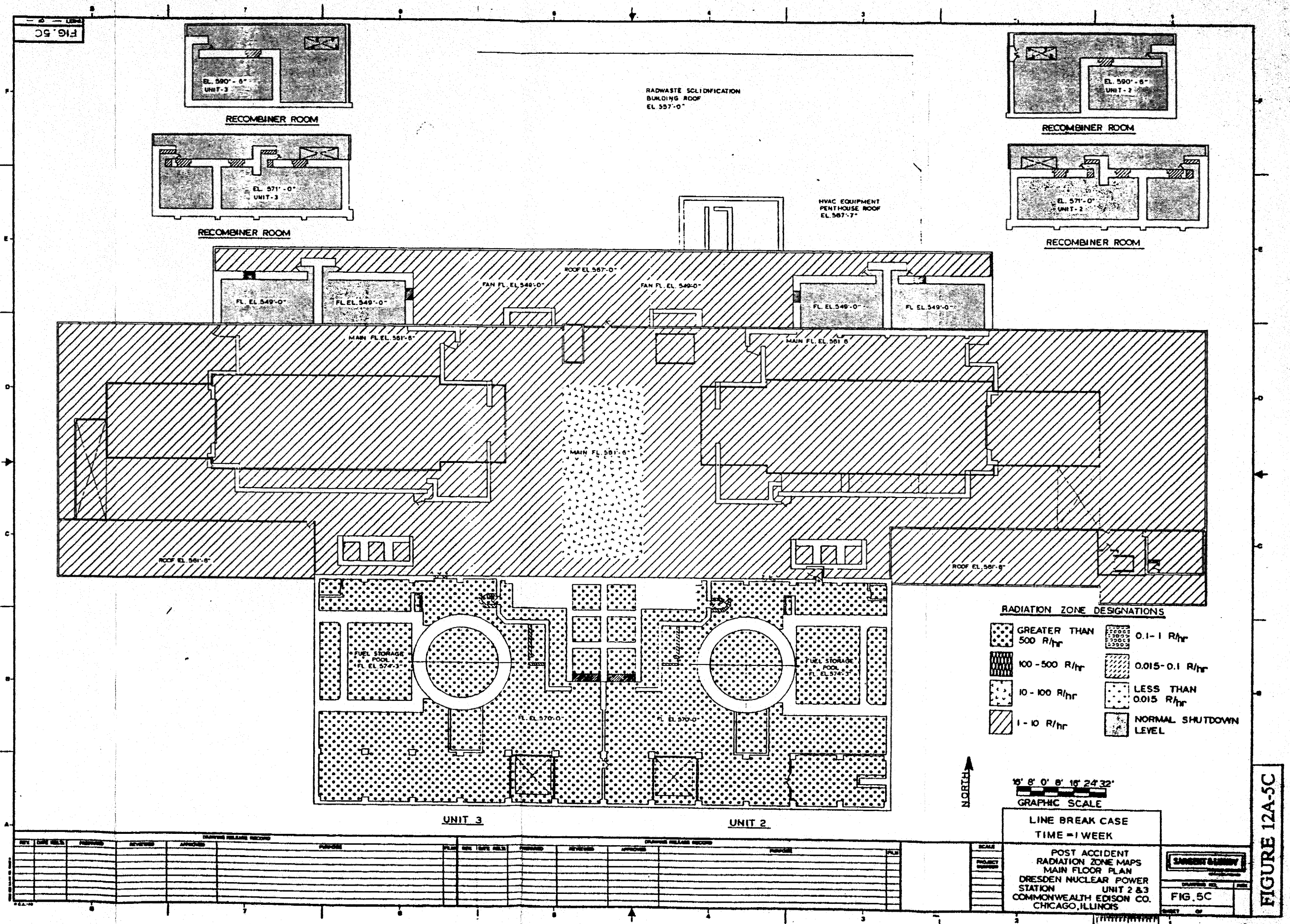
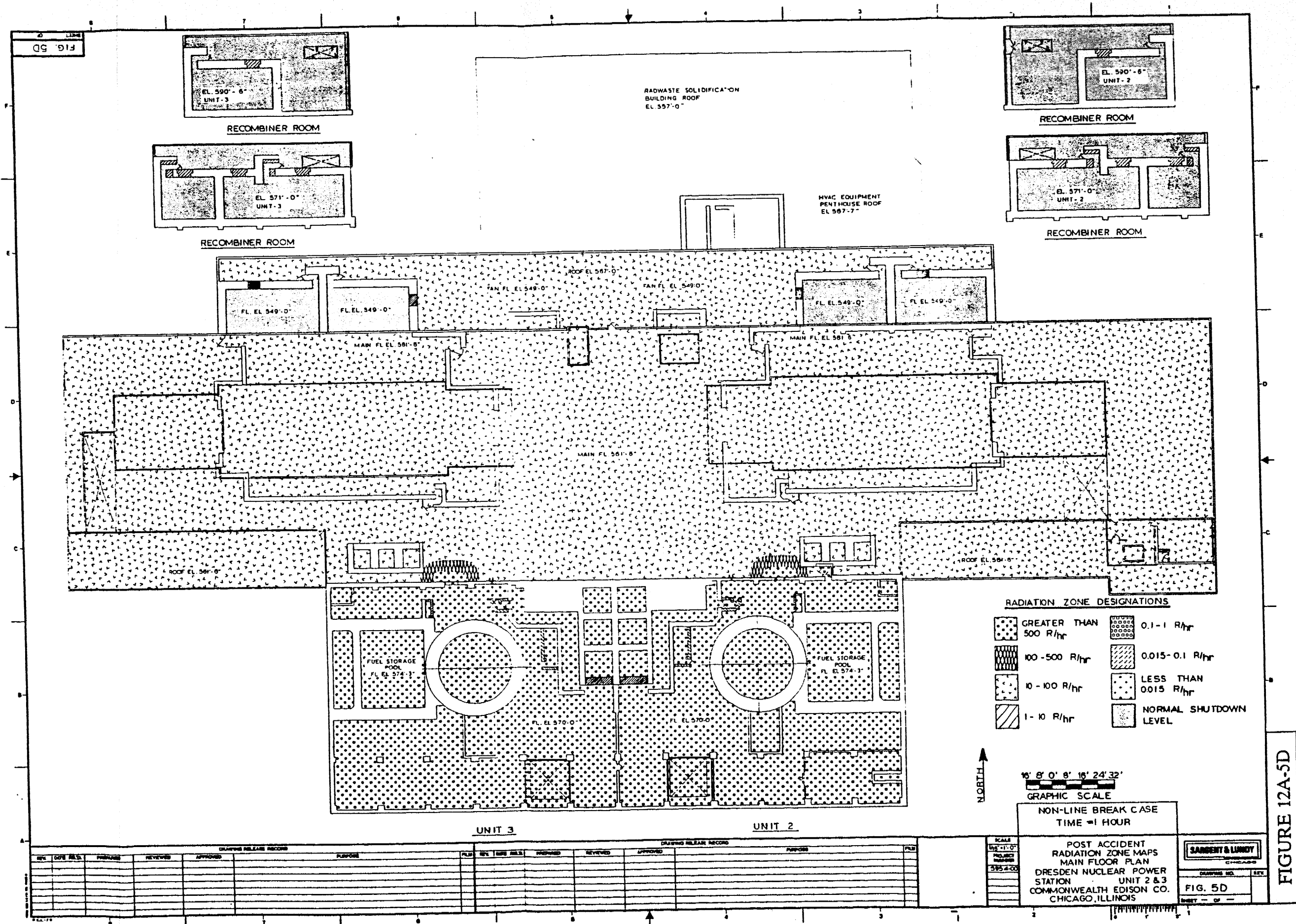
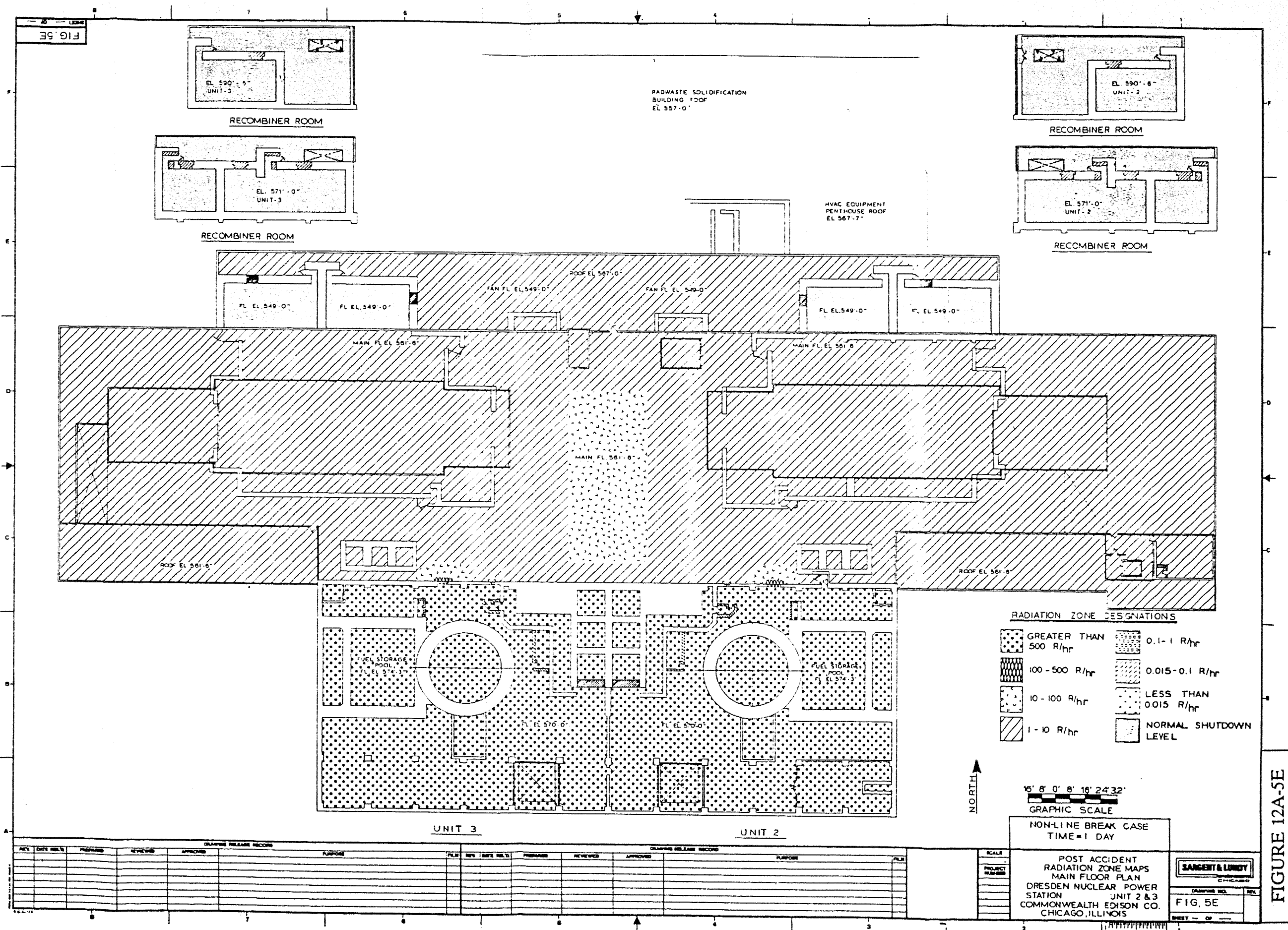
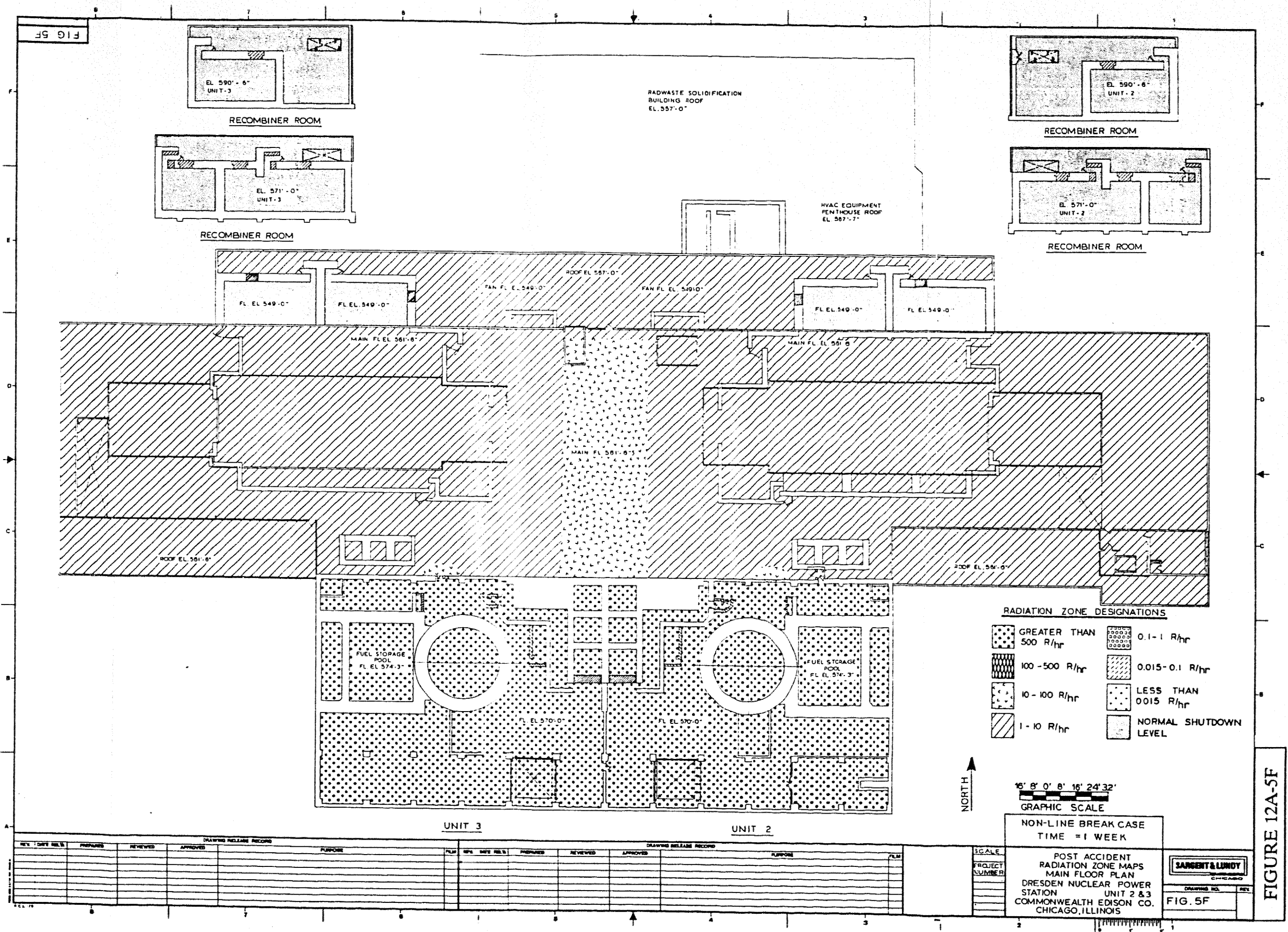


FIGURE 12A-5B









Security Related Information
Figure Withheld Under 10 CFR 2.390

FIG. 6

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

SAUNDERS & LEBBY
ENGINEERS
FIG. 6

FIGURE 12A-6

FLOOR PLAN EL 613' - 0"

MACHINE ROOM ROOF
EL 634' - 9" ————
ELEVATOR MACHINERY ROOM
FLOOR EL 627' - 6" ————

—MACHINE ROOM ROOF
EL. 634' - 9 1/4"
—ELEVATOR MACHINERY ROOM
FLOOR EL. 627' - 6"

FAN FLOOR EL. 581'-4"

INSTRUMENT REPAIR ROOM
EL 580'-0"

FUEL STORAGE
POOL FLOOR
EL 574'-3"

DRYER SEPARATOR STORAGE
POOL EL 588'-0"

DRYER SEPARATOR STORAGE
POOL EL 588'-0"

FUEL STORAGE
POOL FLOOR
EL 574'-3"

FLOOR EL 587'-0"

EL 587'-0"

UNIT 3









UNIT 2

ONE SET, 4 SECTION REMOVABLE
DECKING, TO FIT (4) HATCHES
EL. 545'-6" - 570'-0" - 589'-0"
& EL. 613'-0"

FLOOR PLAN EL. 589'-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

15' 8" 0' 8" 16' 24' 32'
GRAPHIC SCALE

VIOT H

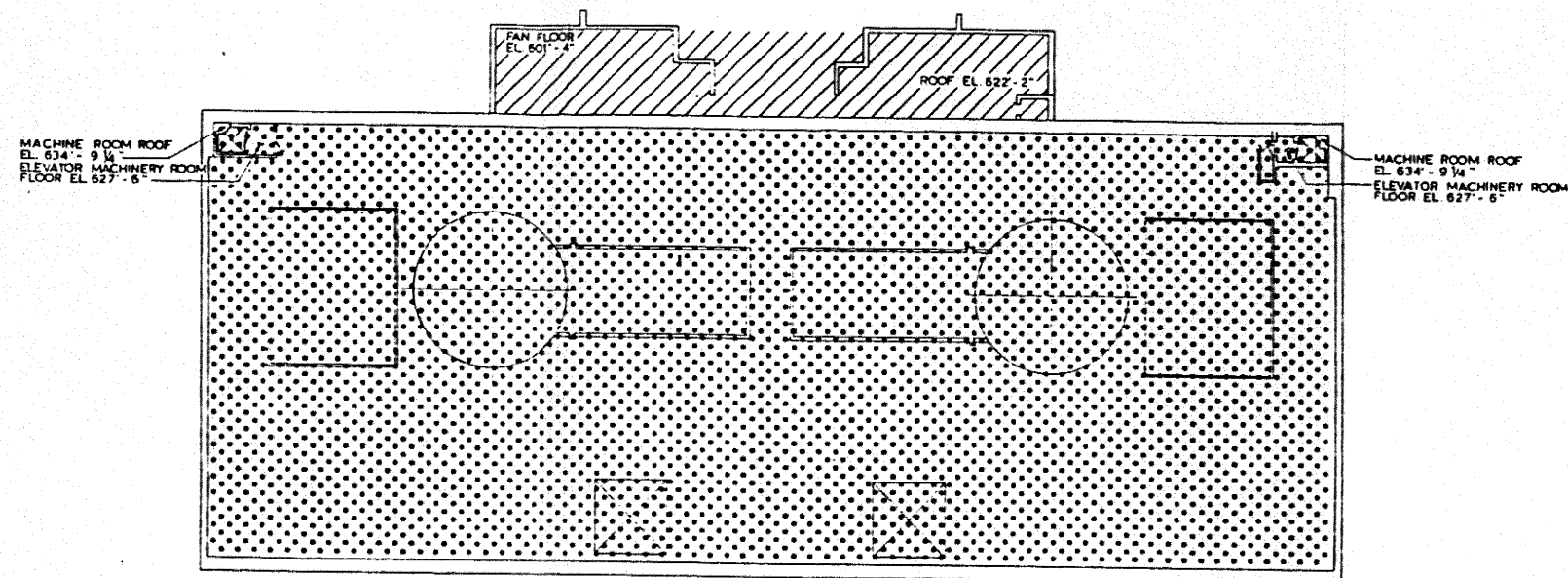
LINE BREAK CASE
TIME - 1 HOUR

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

SARGENT & LUNDY

FIG. 6A

FIGURE 12A-6A



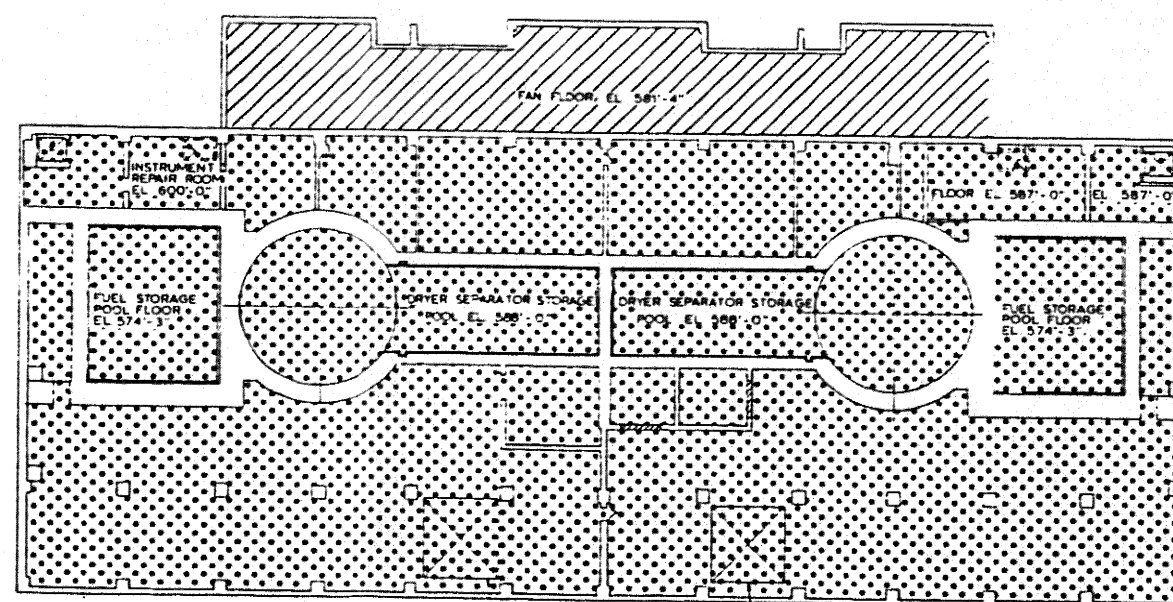
MACHINE ROOM ROOF
EL. 634'-9 1/4"
ELEVATOR MACHINERY ROOM
FLOOR EL. 627'-6"

ELEVATOR MACHINERY ROOM
FLOOR EL 627'-6" ————+

— MACHINE ROOM ROOF
EL. 634' - 9 1/4"
— ELEVATOR MACHINERY ROOM
FLOOR EL. 627' - 5"

—ELEVATOR MACHINERY ROOM
FLOOR EL. 627' - 5"

FLOOR PLAN EL. 613' - 0"



INSTRUMENT
REPAIR ROOM
EL. 600.0

FUEL STORAGE
POOL FLOOR
EL 574'-3"

DRYER SEPARATOR
POOL EL. 588'

DRYER SEPARATOR STORAGE
POOL EL 588'-0"

FUEL STORAGE
POOL FLOOR
EL. 574'-3"

EL 587.

• • • • •


UNIT 3


UNIT 2

ONE SET, 4 SECTION REMOVABLE
DECKING, TO FIT (4) MATCHES
EL 545'-0"; 570'-0"; 589'-0"
& EL 613'-0"

FLOOR PLAN EL.589'-0"


RADIATION ZONE DESIGNATIONS


 GREATER THAN
500 R/hr

 100 - 500 R/hr



10 - 100 R/hr

1 - 10 B/L

 0.1-1 R/hr

 0.015-0.1 R/hr

LESS THAN
0015 R6

 COLD START
 NORMAL SHUTDOWN

16' 8" 0' 8" 16' 24' 32'

GRAPHIC SCALE

GRAPHIC SCALE

NORTH -

LINE BREAK CASE
TIME-1 DAY

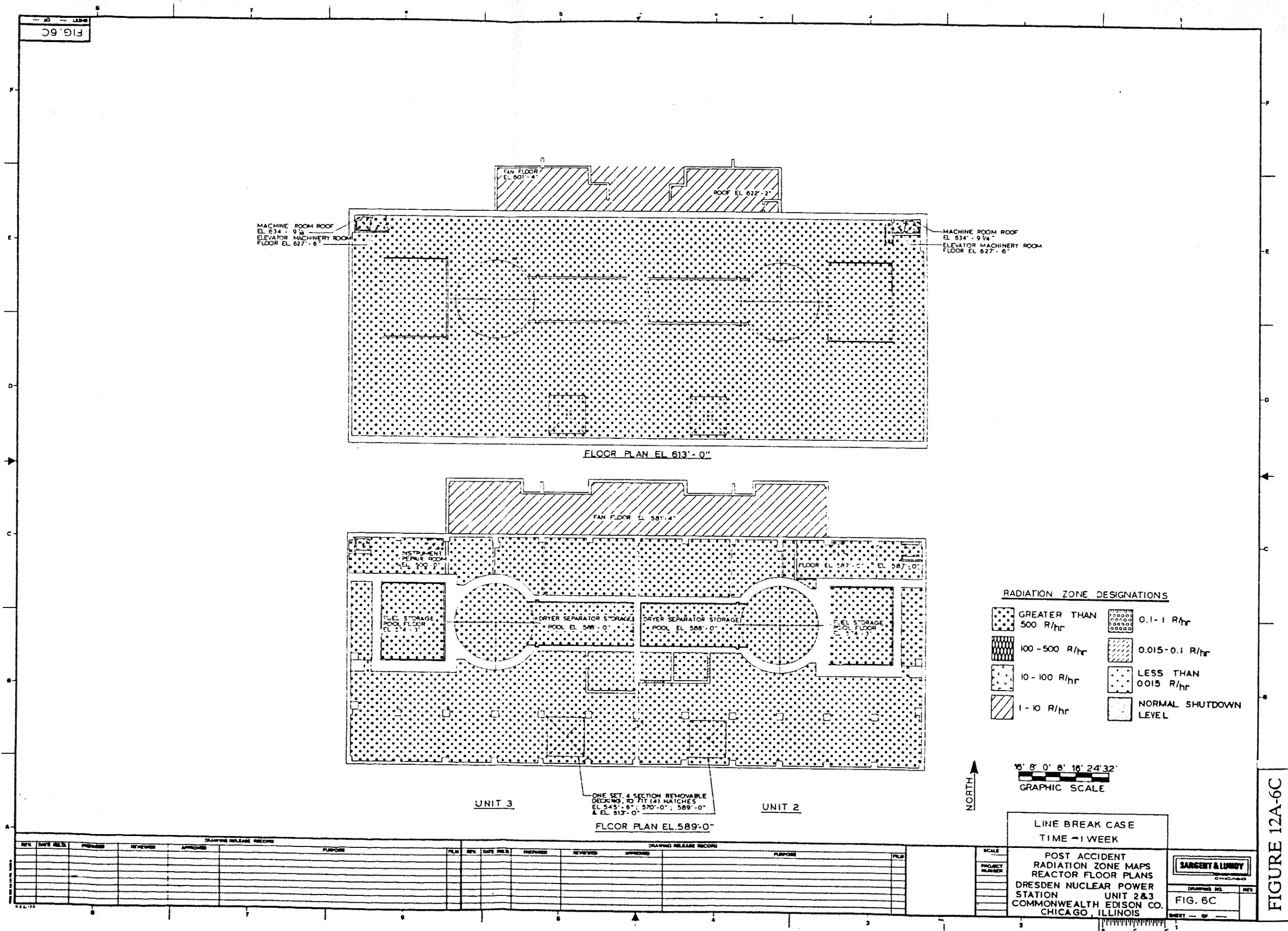
POST ACCIDENT
RADIATION ZONE MAPS
REACTOR FLOOR PLANS
DRESDEN NUCLEAR POWER
STATION UNIT 2&3
COMMONWEALTH EDISON CO
CHICAGO, ILLINOIS

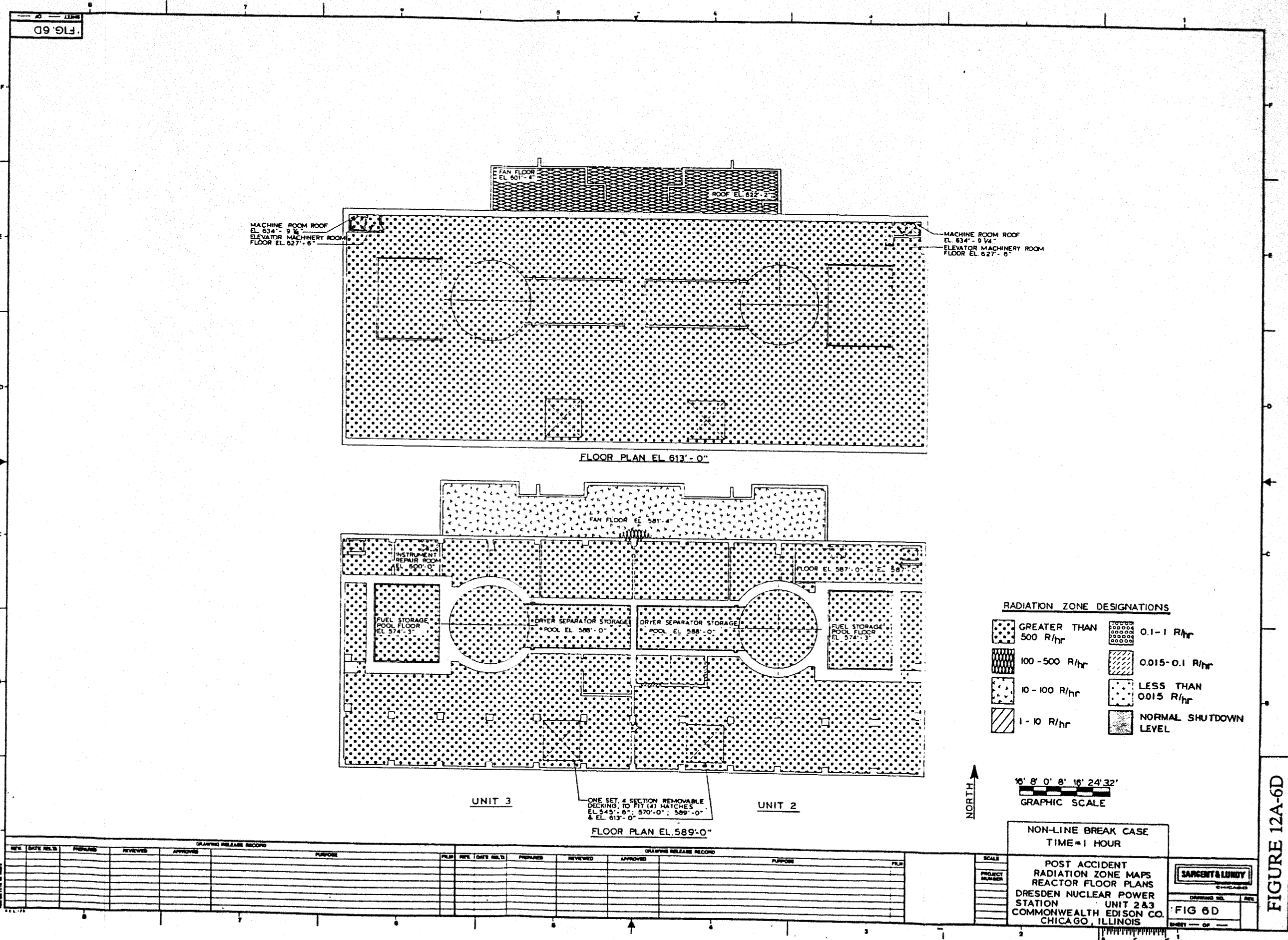
SARGENT & LUNDY

DRAWING NO.
FIG. 6B

DATE: 21-11-2019

FIGURE 12A-6B





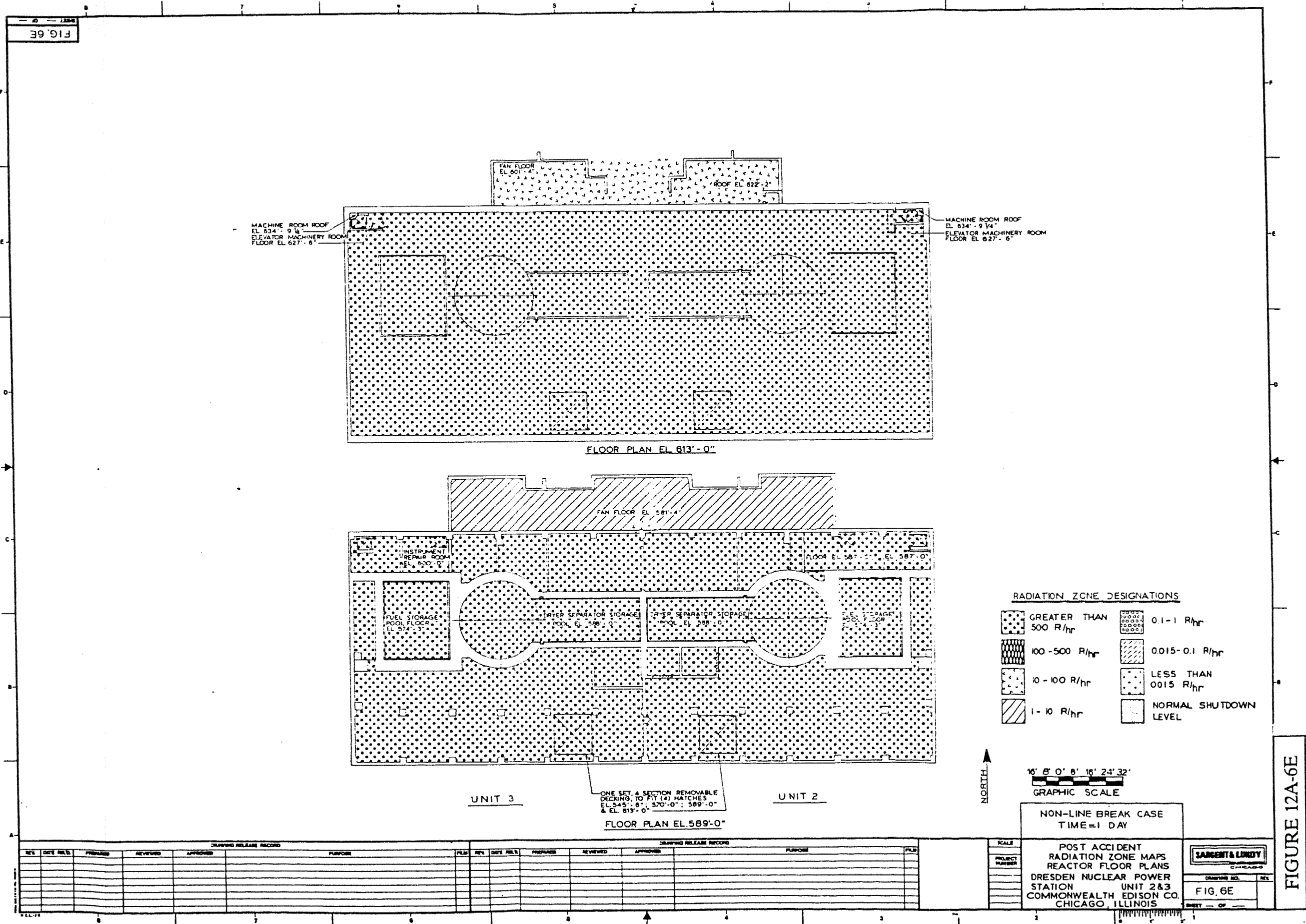
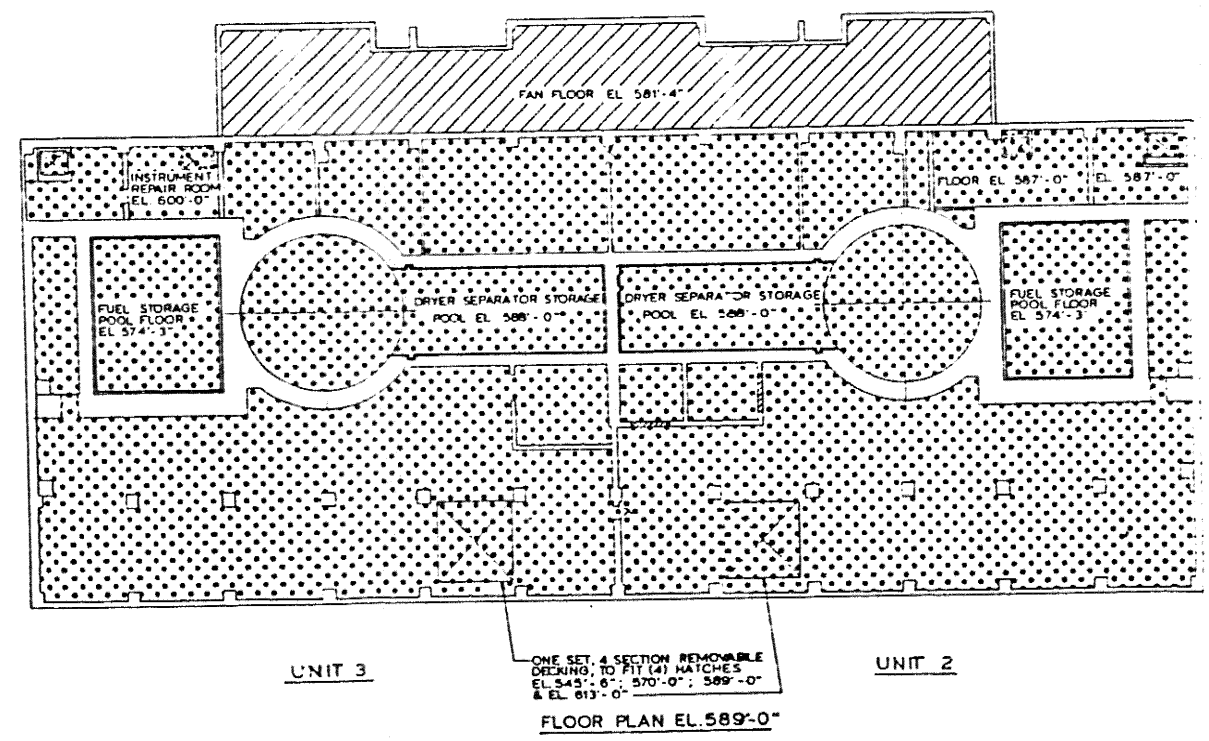
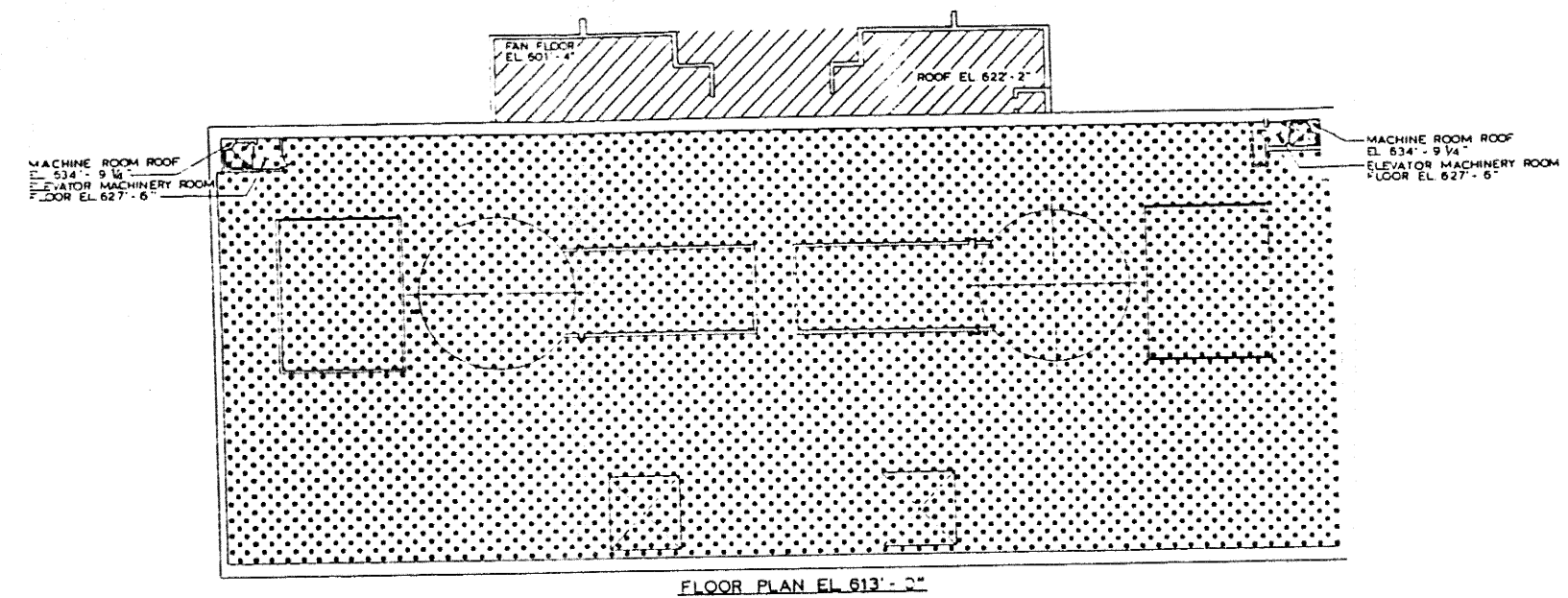


FIG. 6F



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

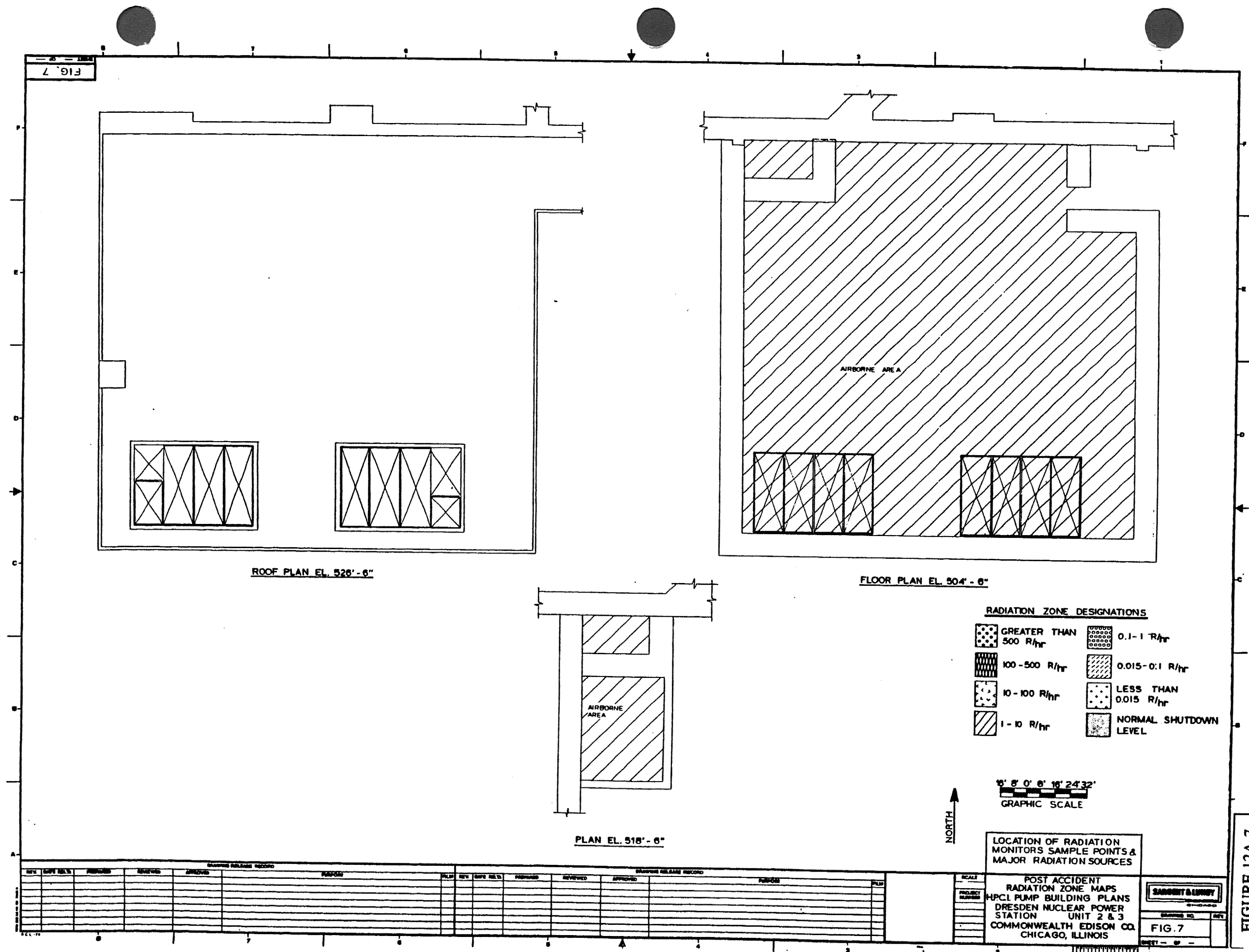


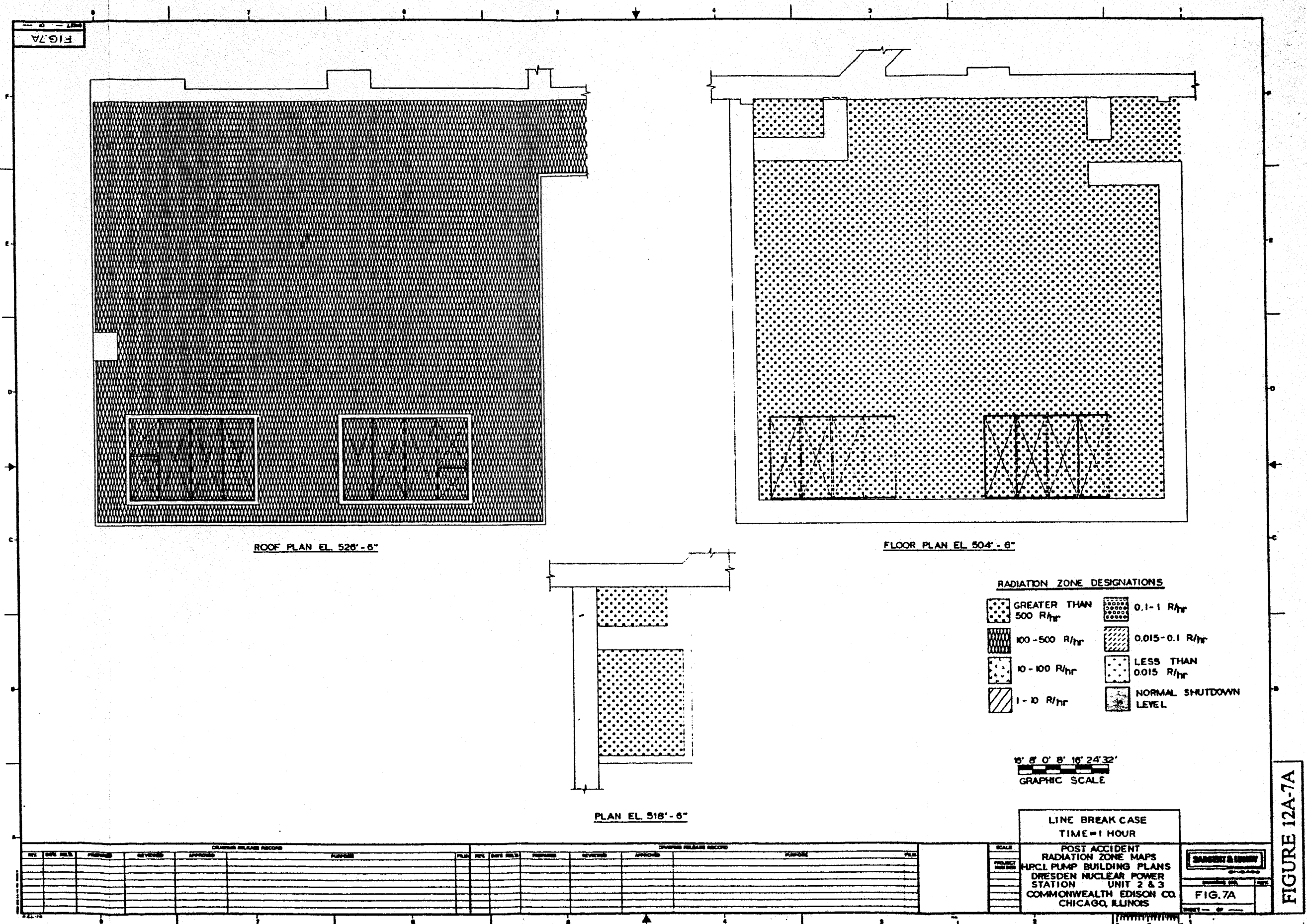
NON-LINE BREAK CASE
TIME = 1 WEEK

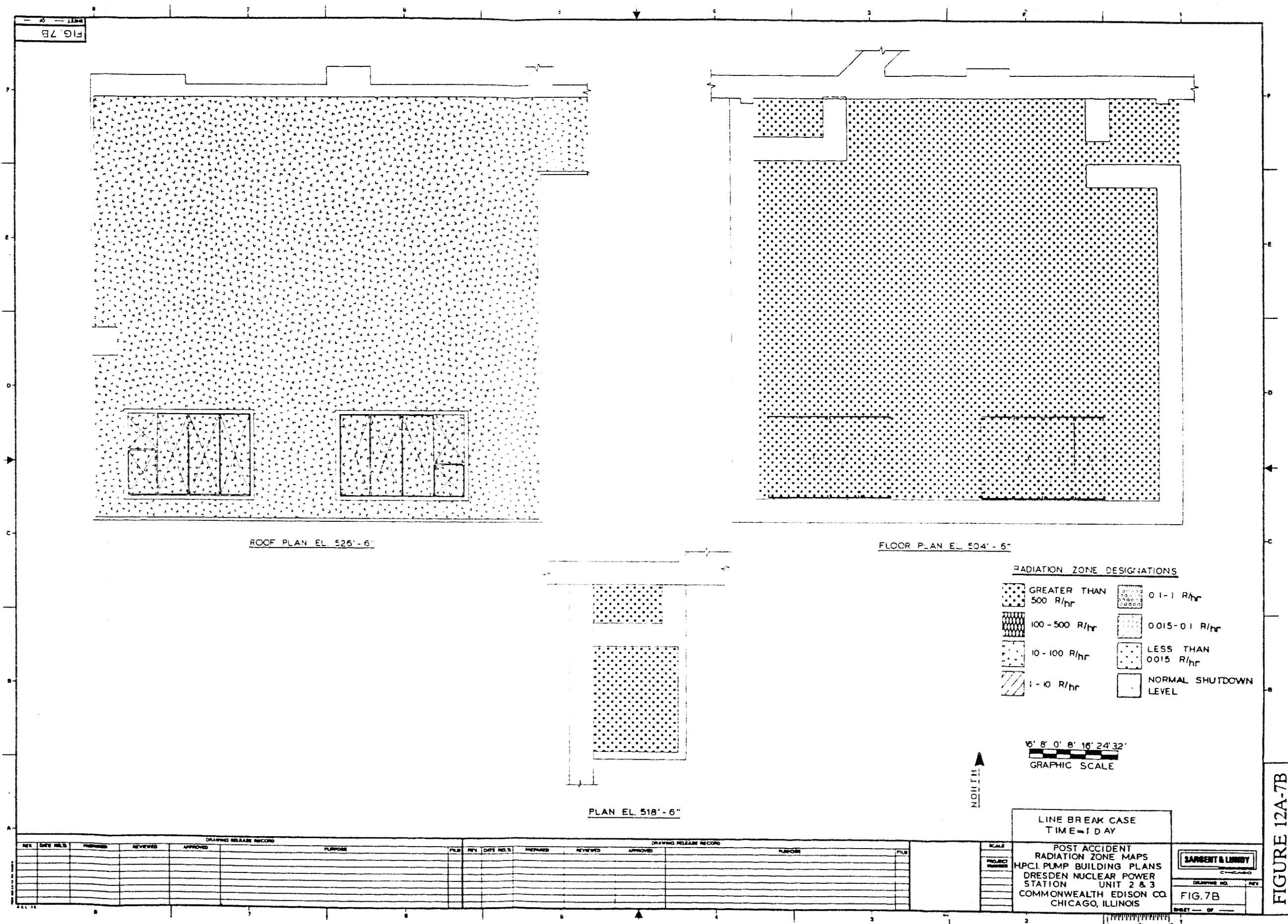
POST ACCIDENT
RADIATION ZONE MAPS
REACTOR FLOOR PLANS
DRESDEN NUCLEAR POWER
STATION UNIT 2&3
COMMONWEALTH EDISON CO.
CHICAGO, ILLINOIS

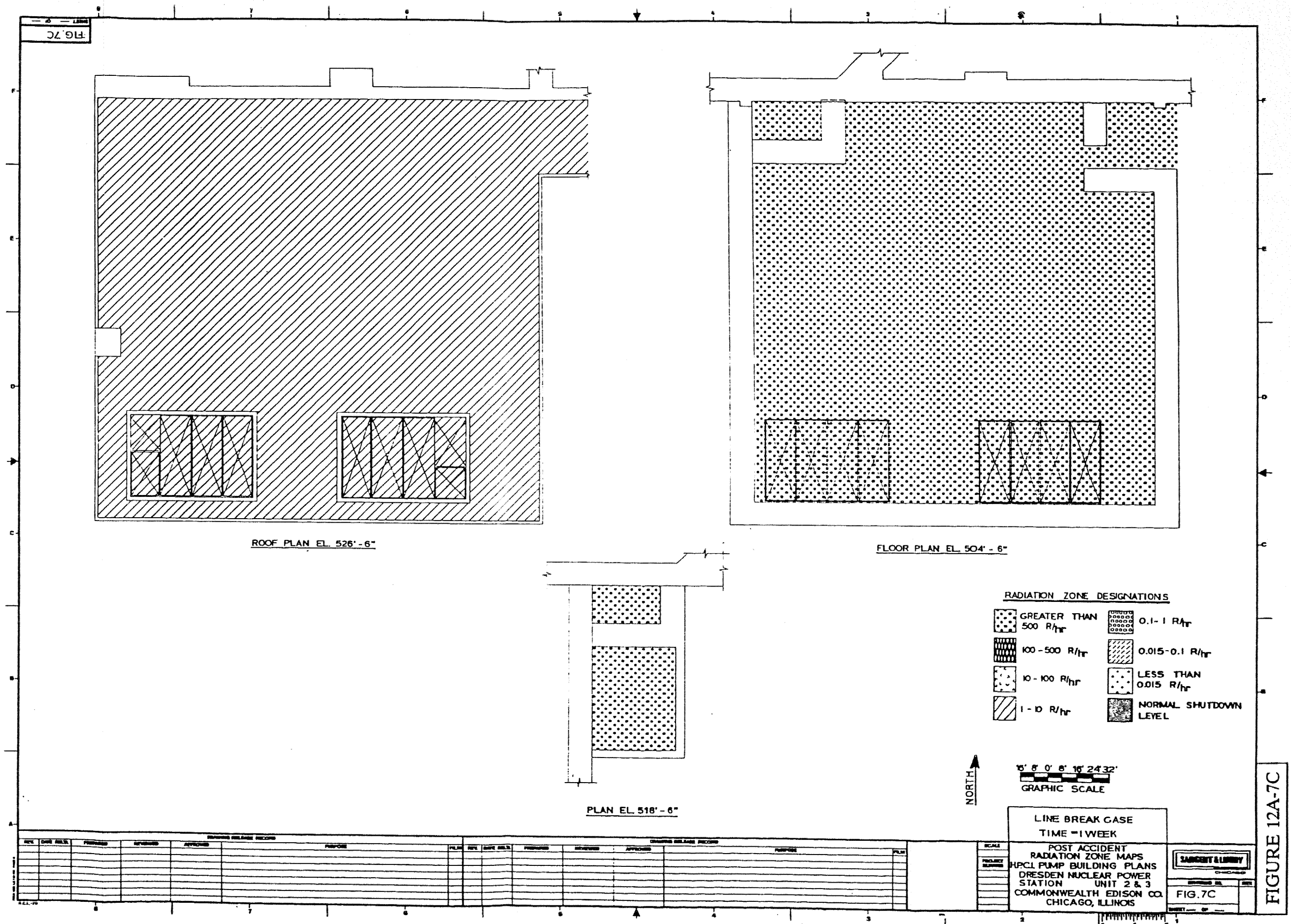
SARGENT & LUNDY
CHICAGO
DRAWING NO. REV.
FIG. 6F

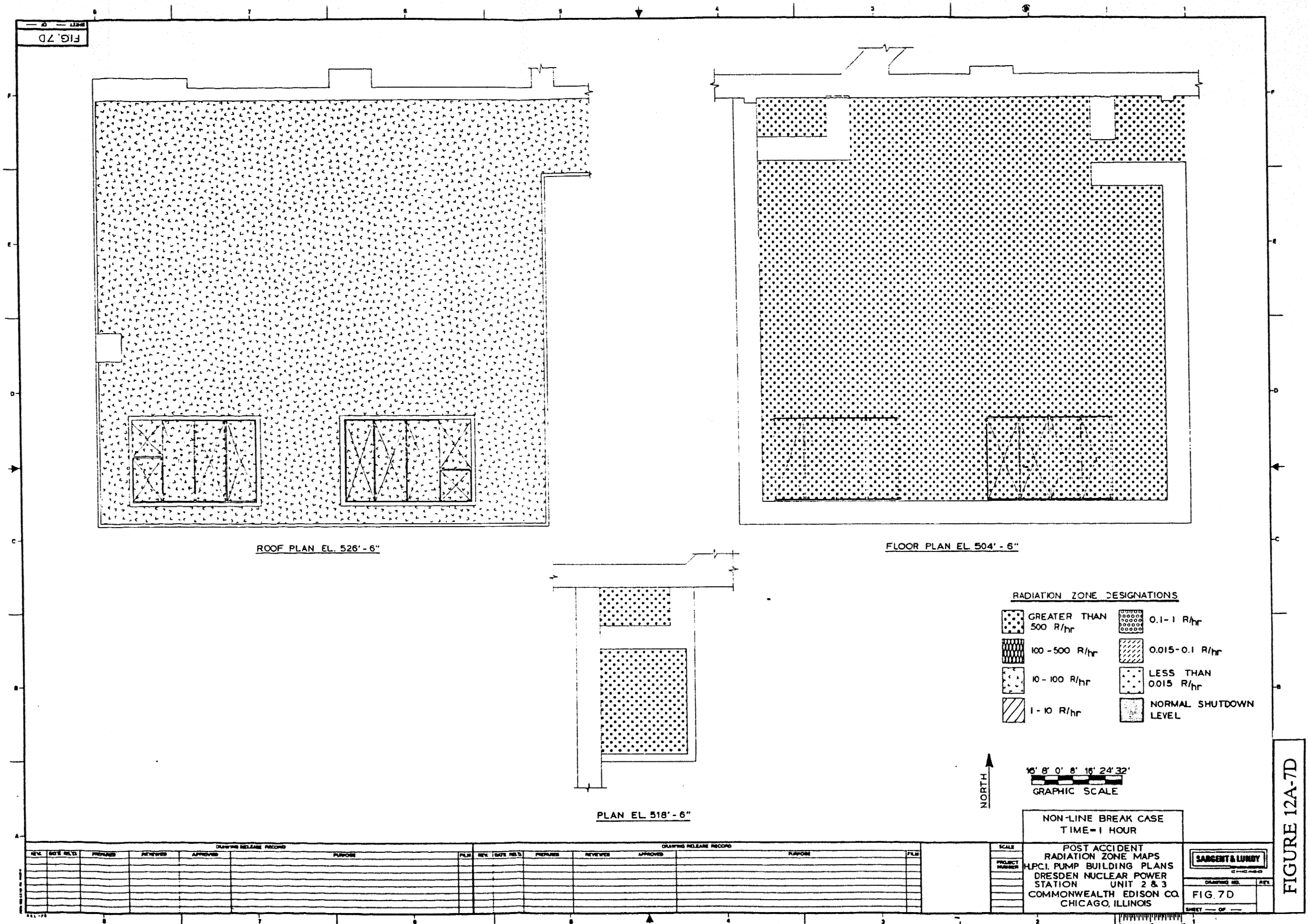
FIGURE 12A-6F











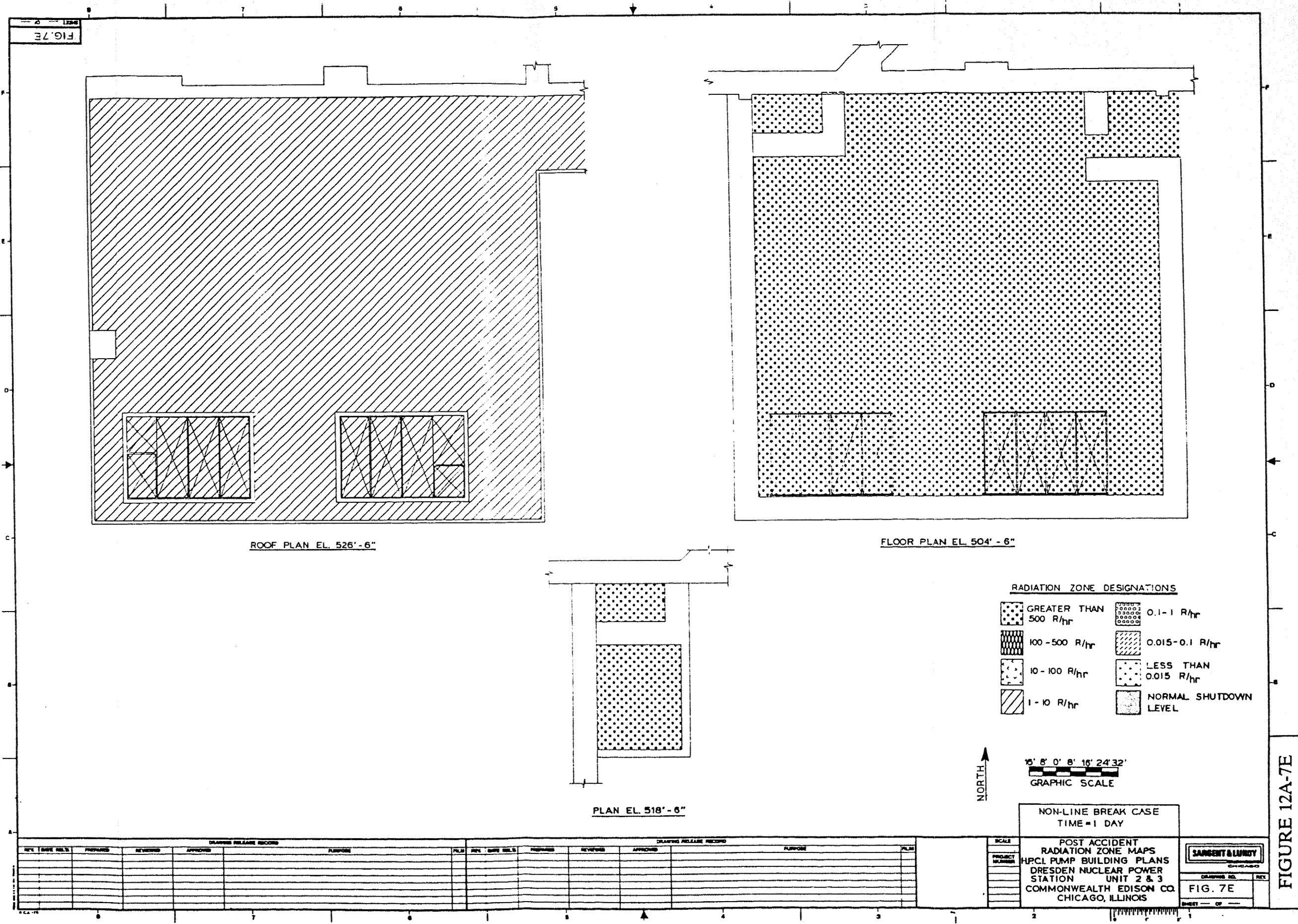


FIGURE 12A-7E

