



GPU Nuclear

100 Interpace Parkway
Parsippany, New Jersey 07054
201 263-6500
TELEX 136-482
Writer's Direct Dial Number:

June 24, 1983


Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Crutchfield:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Fire Protection, 10CFR50.48

The attached drawings are provided to replace the existing fire area/zone layout drawings contained in the "Fire Hazards Analysis Report" submitted to you by letter dated June 30, 1982. The attached drawings provide greater detail than those originally submitted.

Very truly yours,


Peter B. Fiedler
Vice President & Director
Oyster Creek

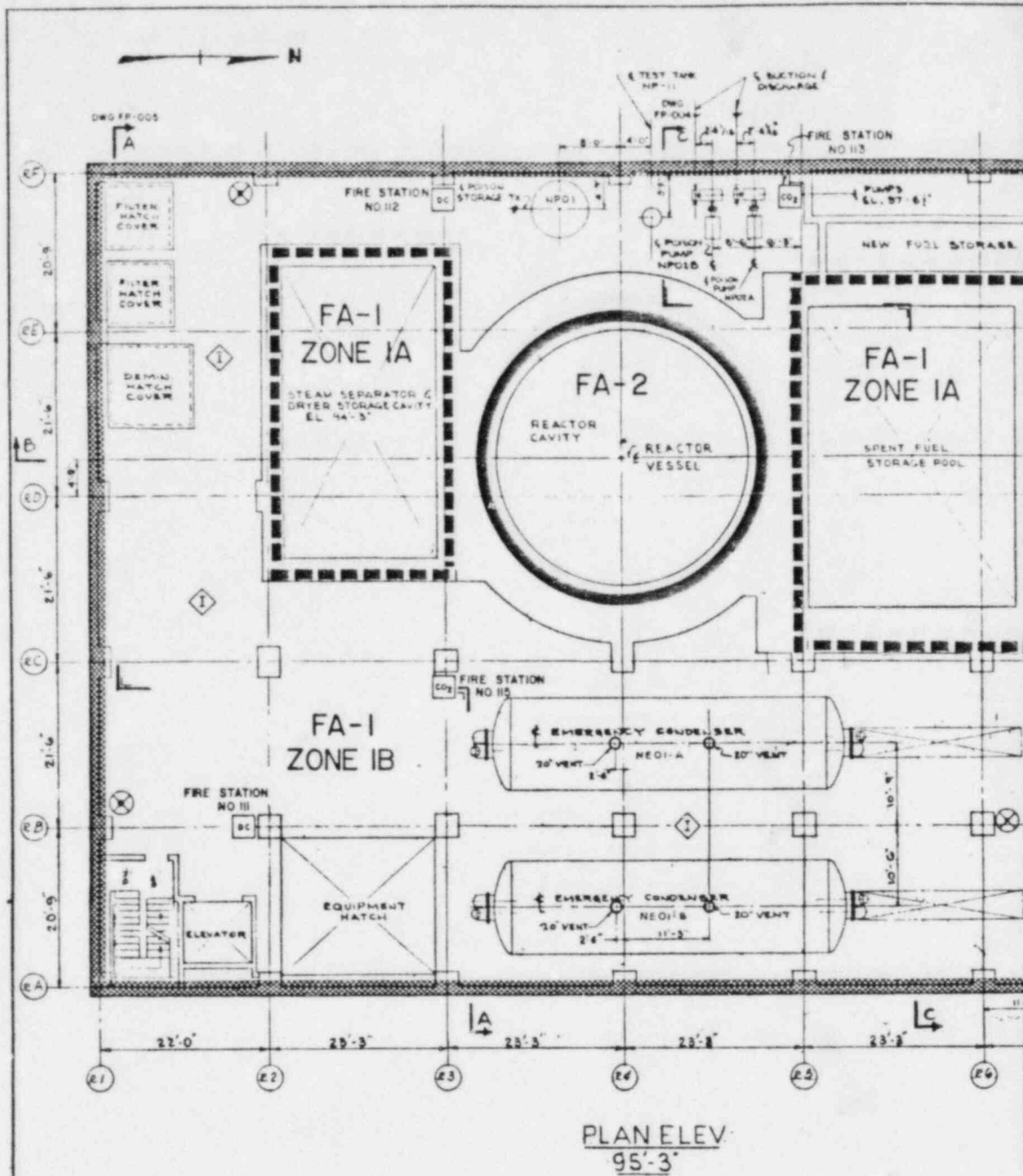
lr

Attachment

A004
1/1

8306300001 830624
PDR ADOCK 05000219
F PDR

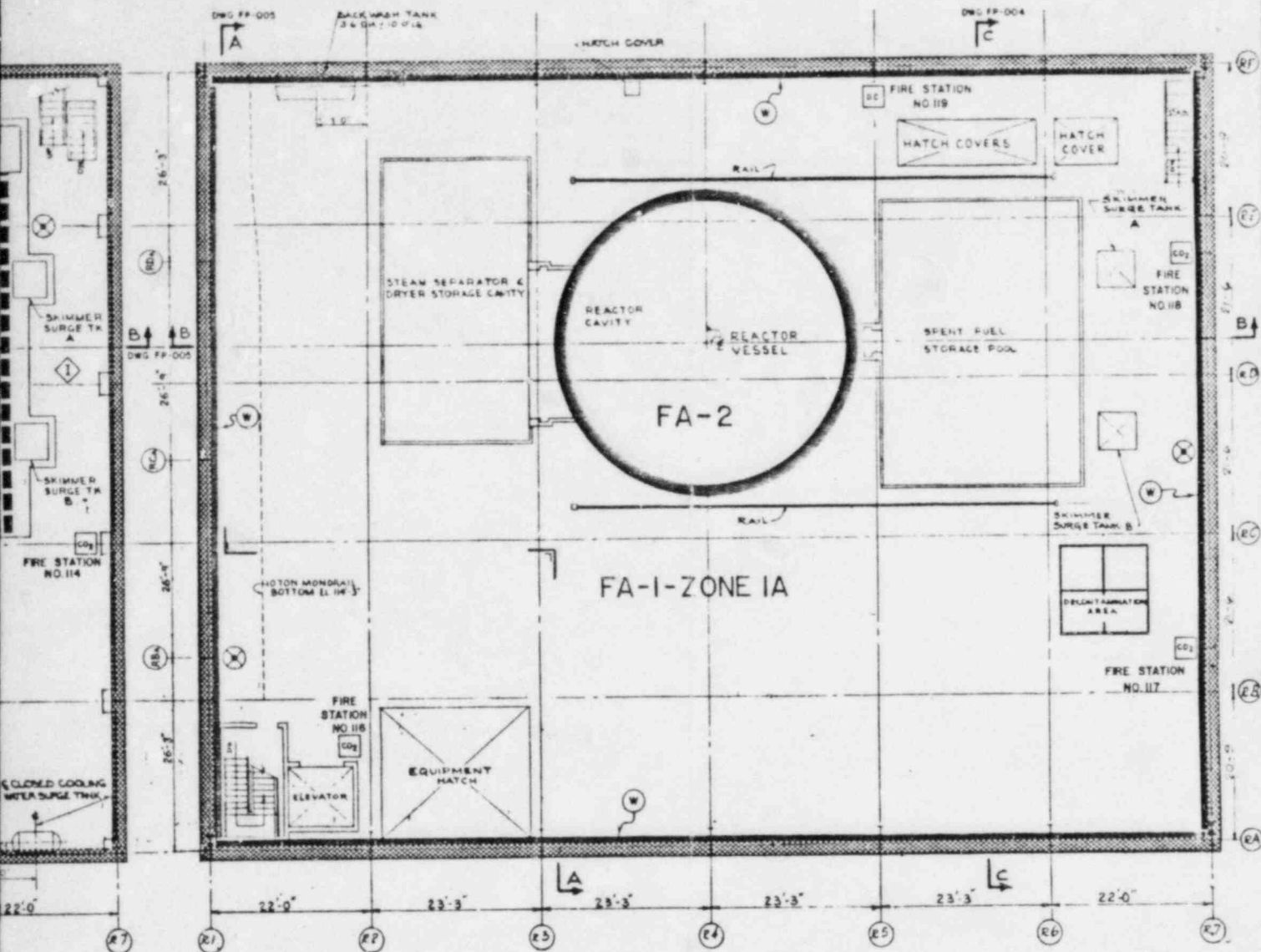
Also Available On
Aperture Card



PRC
APERTURE
CARD

REV.	DESCRIPTION	BY	CHKD.

8306300001 -01

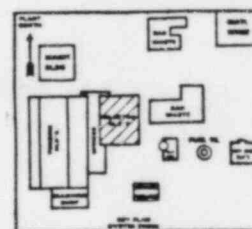


PLANE ELEV
119'-3"

NOTES: 1. FIRE STATION NO. 120
IN CRANE CAB-CO2

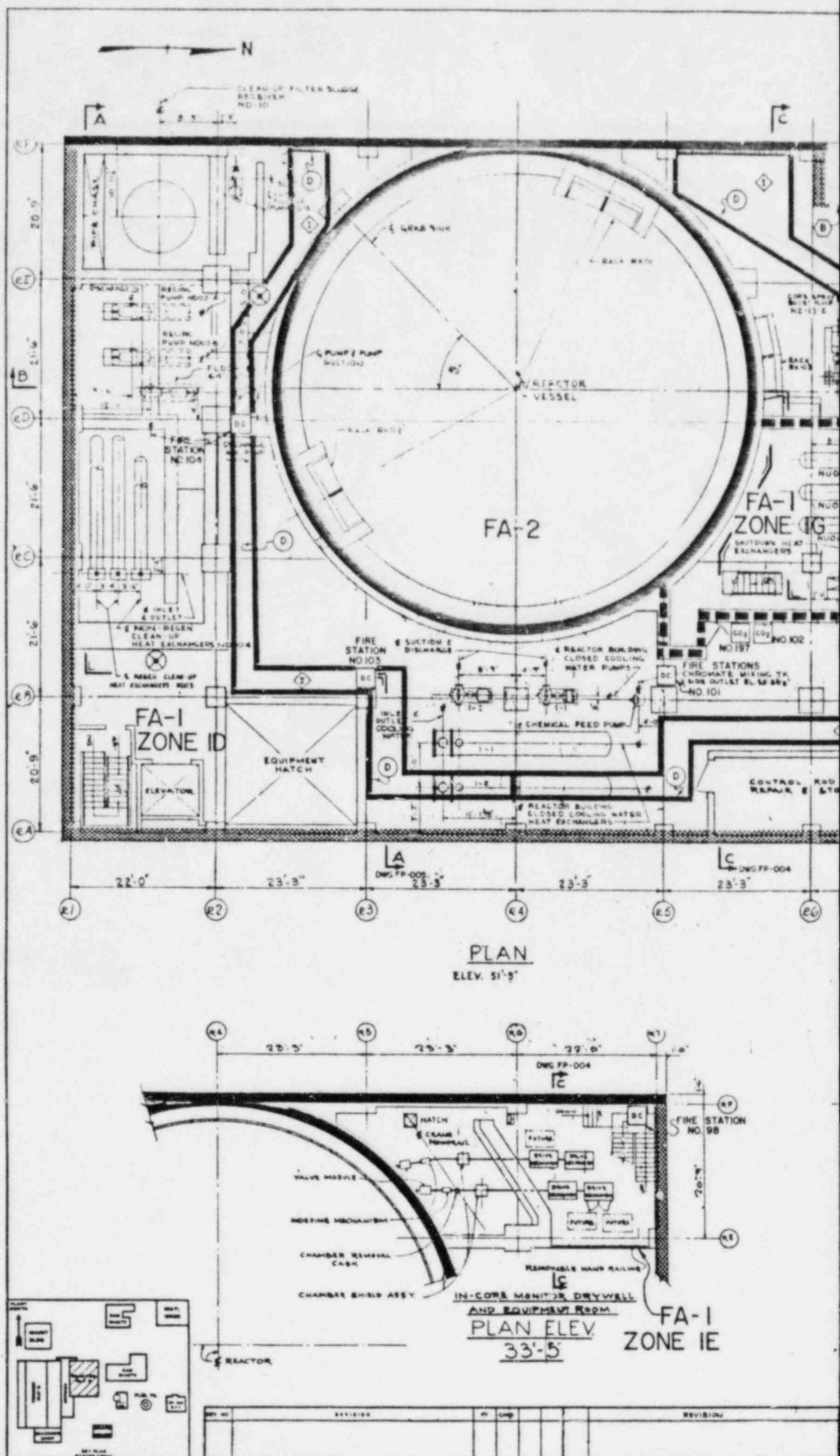
LEGEND-TYPICAL FOR ALL FIRE AREA DWGS.

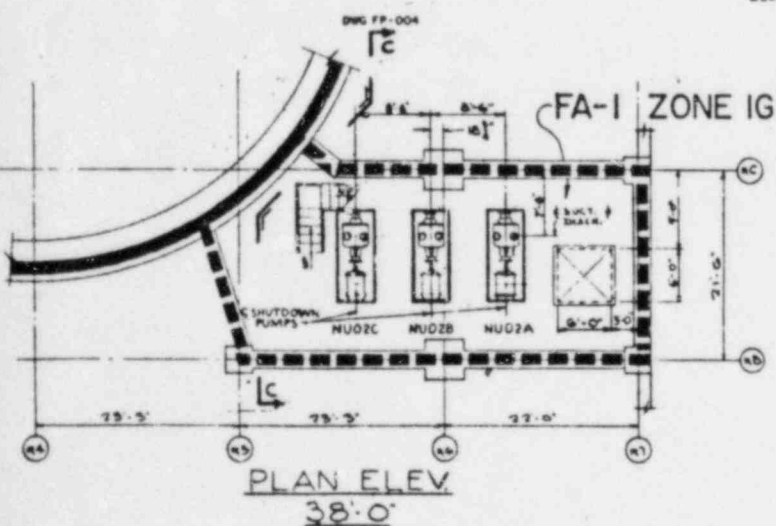
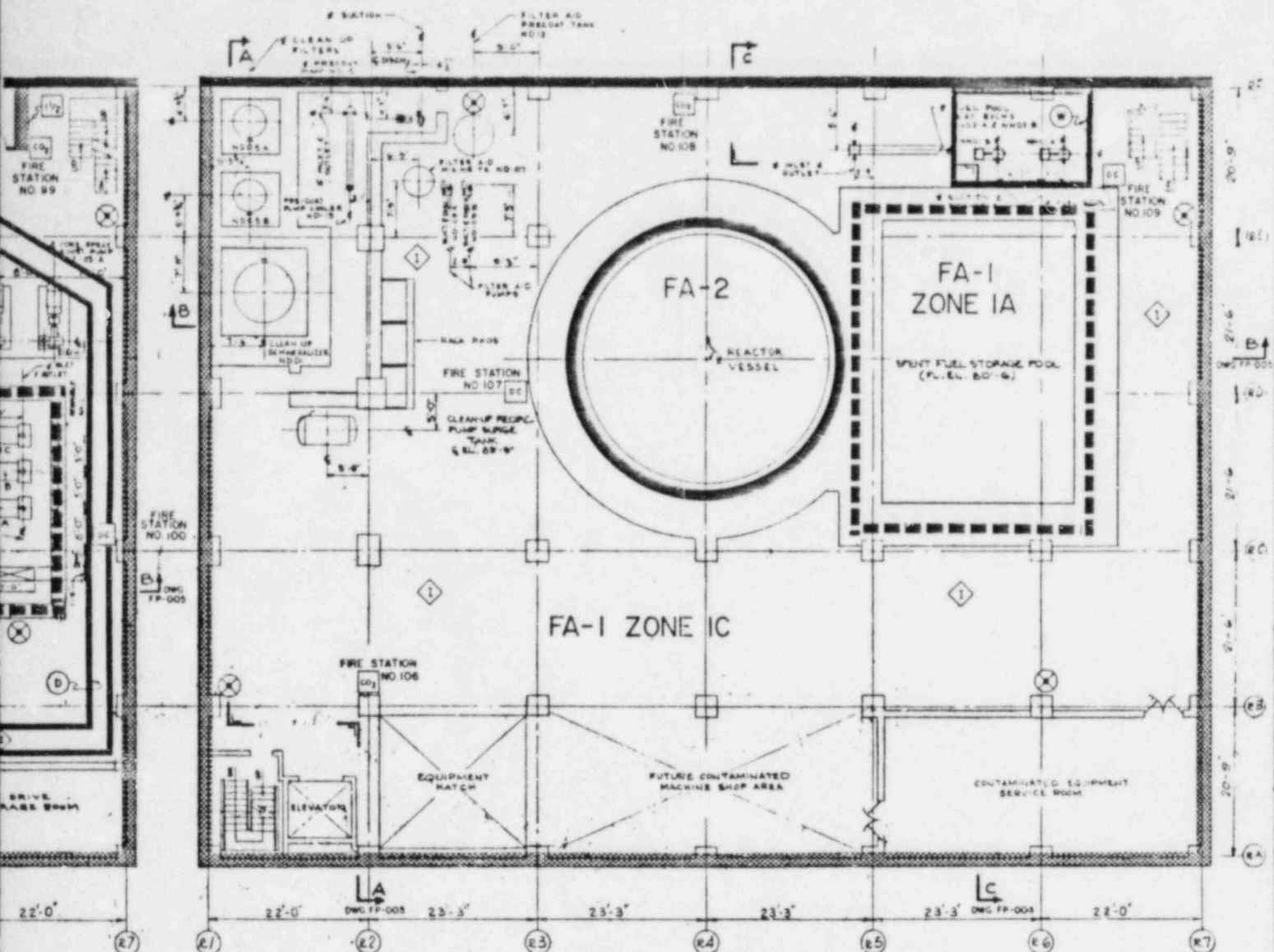
1. 3 HR. FIRE BARRIER
2. NO RATING UNLESS SPECIFIED
3. FIRE HOSE STATION
4. FIRE STATIONS (EXTINGUISHERS)
 - CO2 - CARBON DIOXIDE
 - DC - DRY CHEMICAL
 - W - WATER
 - M - HALON
5. FIRE DETECTORS
 - T - THERMAL
 - I - IONIZATION
6. FIRE ZONE BOUNDARY
7. 1 1/2 HR. RATED DOOR
8. 3 HR. RATED DOOR
9. FIRE SUPPRESSION SYSTEMS
 - (ARROW SIDE IS PROTECTION SIDE)
 - B - DELUGE
 - W - WET PIPE
 - P - PREACTION
 - CO2 SYSTEM
 - HALON SYSTEM



T.F. 8/27/62		JERSEY CENTRAL POWER & LIGHT CO.	
DESIGNER	DATE	FIRE AREA LAYOUT REACTOR BLDG.	
CHECKED	DATE	PLAN FLOOR ELEV.	
SUPERVISOR		119'-3" & 95'-3"	
MANAGER APPROVAL		OYSTER CREEK	DWG. NO. FP-001
ENGINEER		SCALE: 1/8" = 1'-0"	REV. 0
NO. DWG. NO.		AUTHORIZATION NO. 5300-40645	

8306300001-02



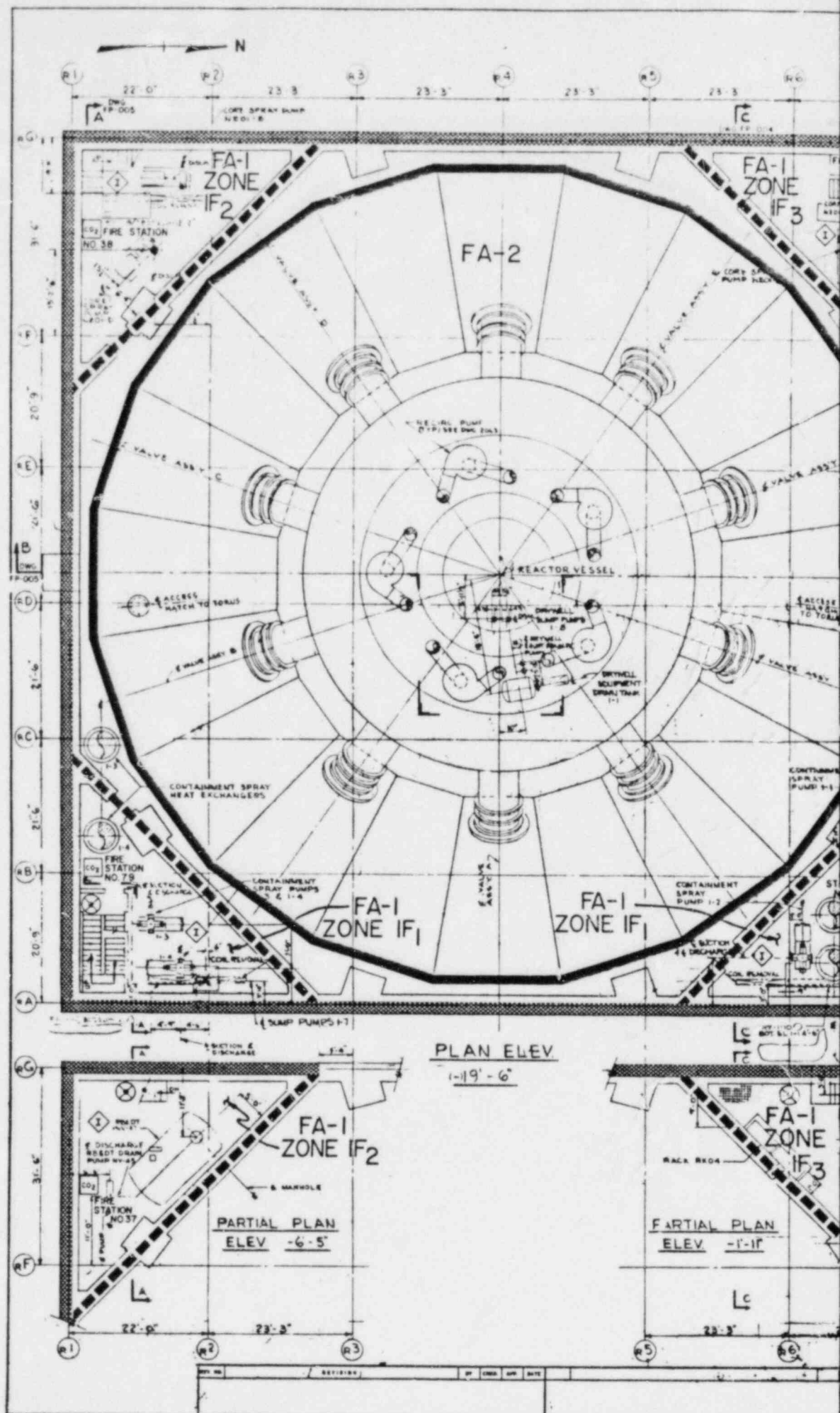


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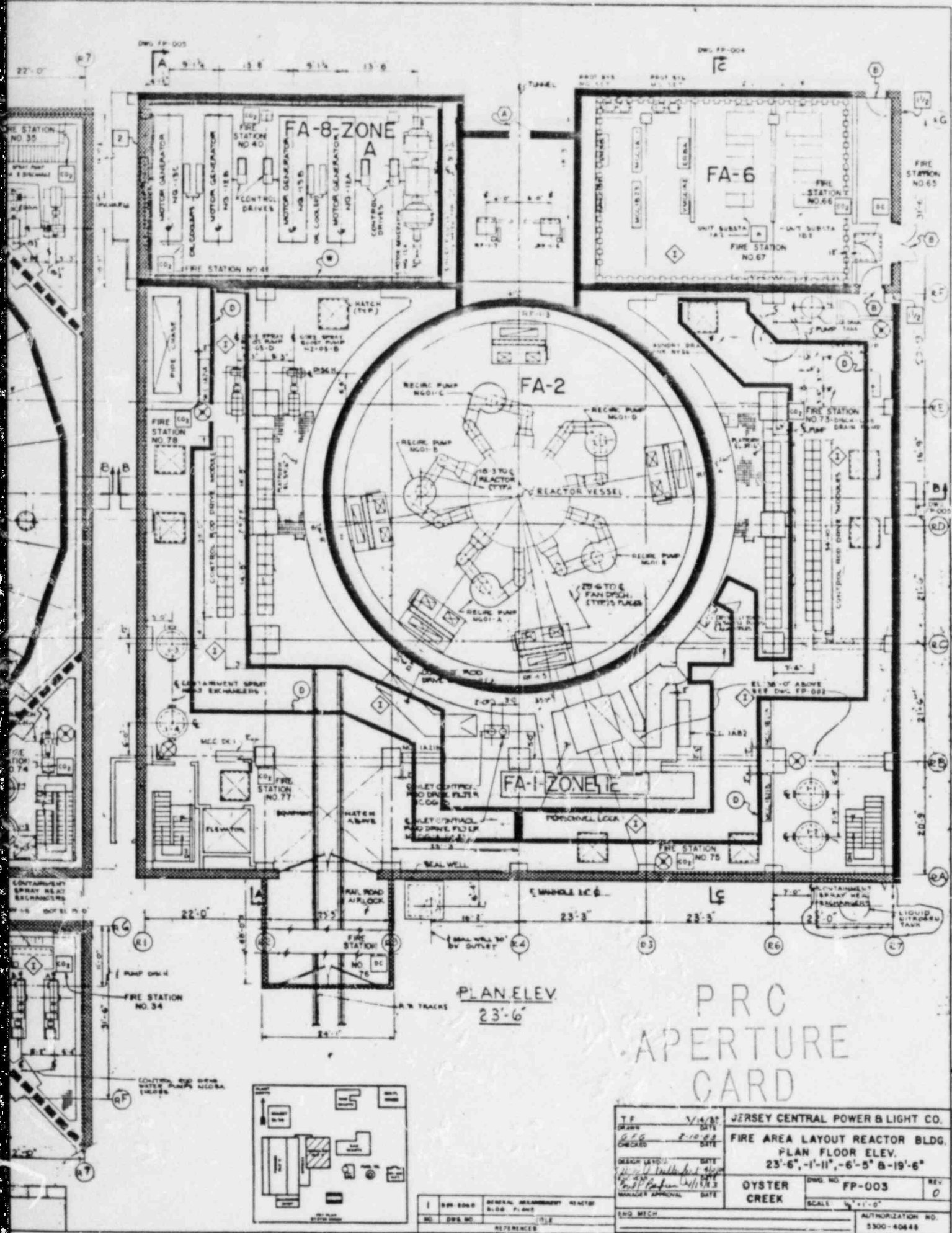
T.P. 8/20/57		JERSEY CENTRAL POWER & LIGHT CO.	
DESIGN	DATE	FIRE AREA LAYOUT REACTOR BLDG.	
C.F.G.	8-10-57	PLAN FLOOR ELEV.	
CHECKED	DATE	73'-3", 51'-3", 38'-0" & 33'-8"	
DESIGN LEADER	DATE	OYSTER CREEK	DWG NO. FP-002
APPROVED	DATE	SCALE: 1/4" = 1'-0"	REV 0
ENGINEER	DATE	AUTHORIZATION NO. 5300-40645	

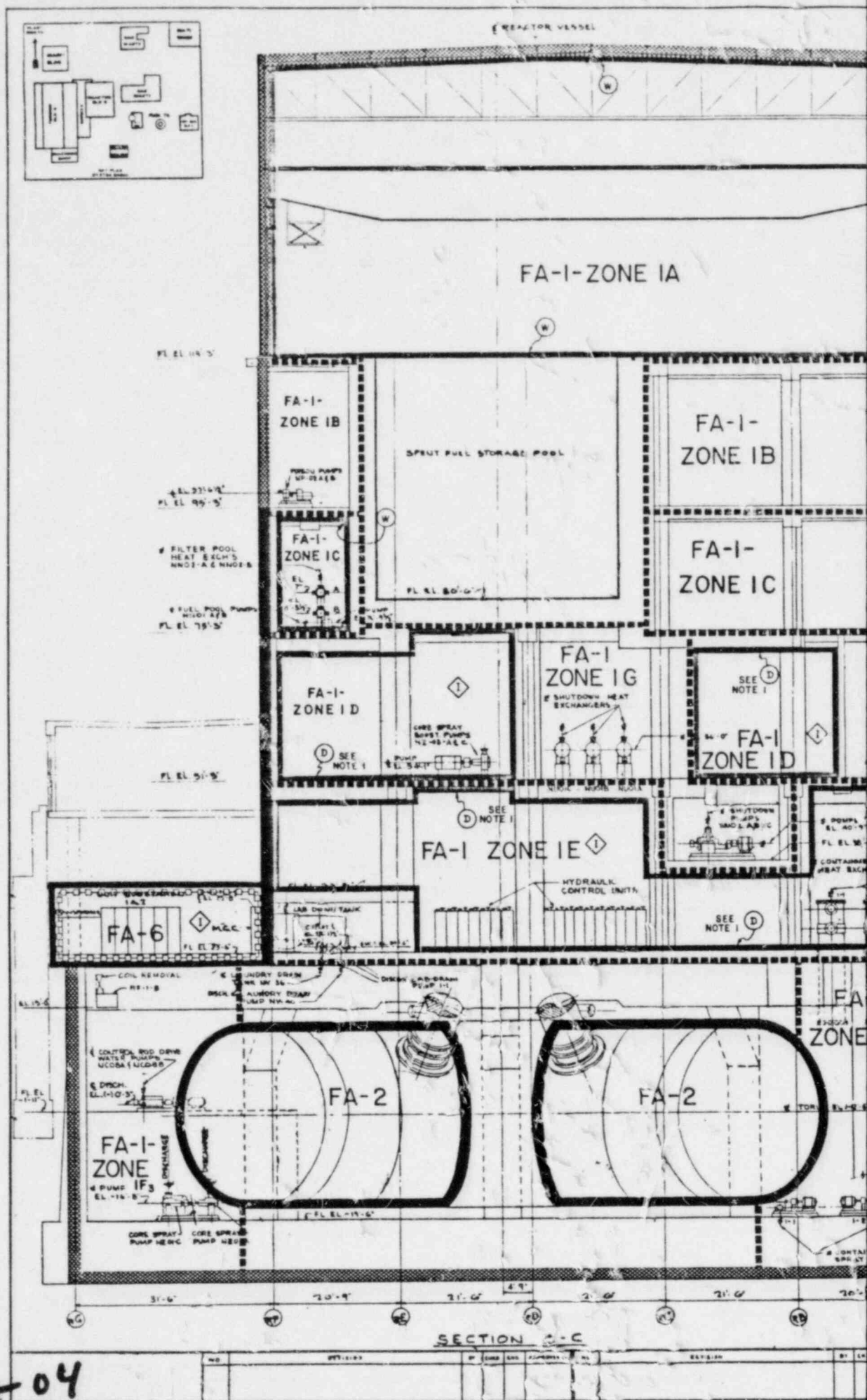
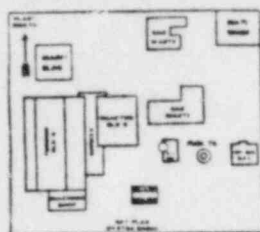
1	REV. 001	GENERAL ARRANGEMENT REACTOR
2	REV. 002	B.L.D. PLANS
REFERENCE		

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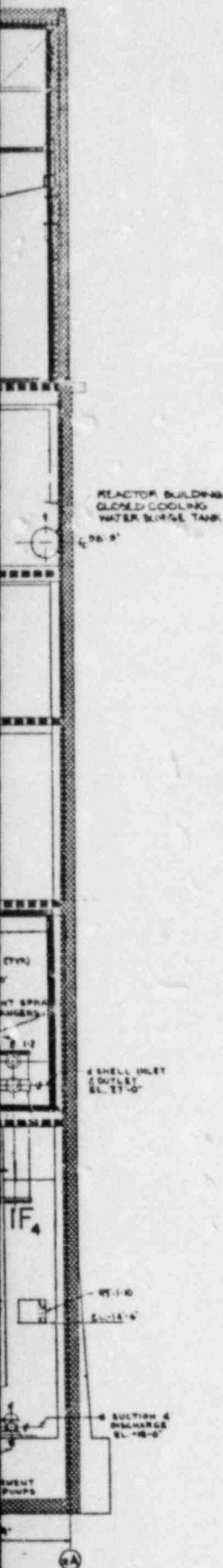
8306300001-03





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830630000-04



NOTE: 1. DELUGE WATER SPRAY SYSTEM COVERS CABLE TRAYS ONLY.

PRO
APERTURE
CARD

NO.	DATE	APPROVED BY	NO.	REVISION	BY	DATE	END	APPROVED BY
1	048-2044							

NO.	DWG NO.	TITLE
1	048-2044	GENERAL ARRANGEMENT REACTOR BUILDING - SECT. C-C

AND DRAWN CHECKED DESIGN LEADER ENGINEER MANAGER APPROVAL		9-3-82 DATE 2-2-88 DATE 11/11/88 DATE 11/11/88 DATE		JERSEY CENTRAL POWER & LIGHT CO. FIRE AREA LAYOUT REACTOR BUILDING SECTION C-C OYSTER CREEK		DWG NO. FP-004	REV 0
ENG. MECH.		SCALE 1/2" = 1'-0"		AUTHORIZATION NO. 5300-40645			

REACTOR VESSEL

FA-1 ZONE IA

FA-1 ZONE IB

FA-1 ZONE IC

FA-1 ZONE ID

FA-1 ZONE IE

FA-8 ZONE A

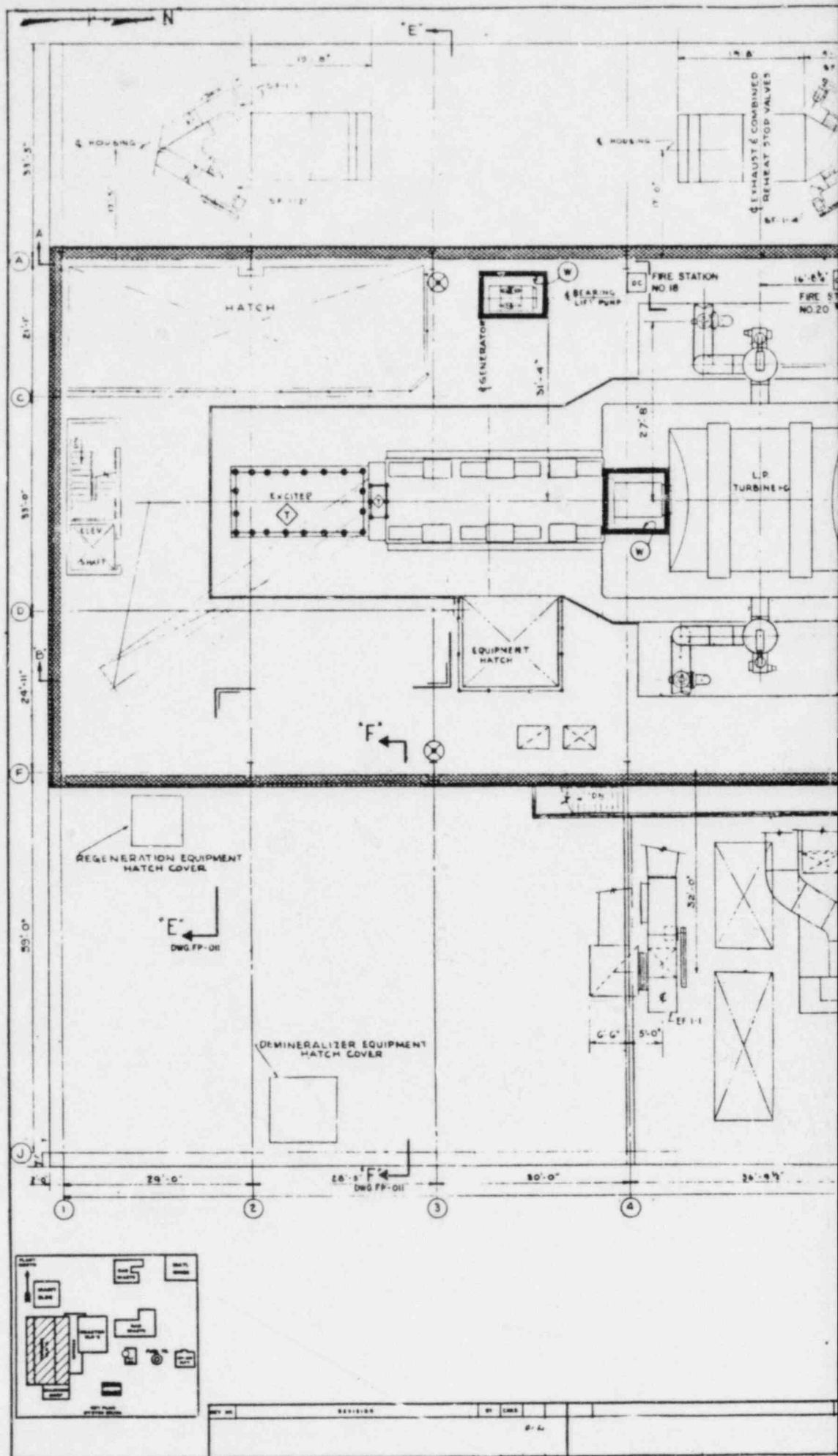
FA-1-ZONE IF₂

FA-2

SECTION A-A

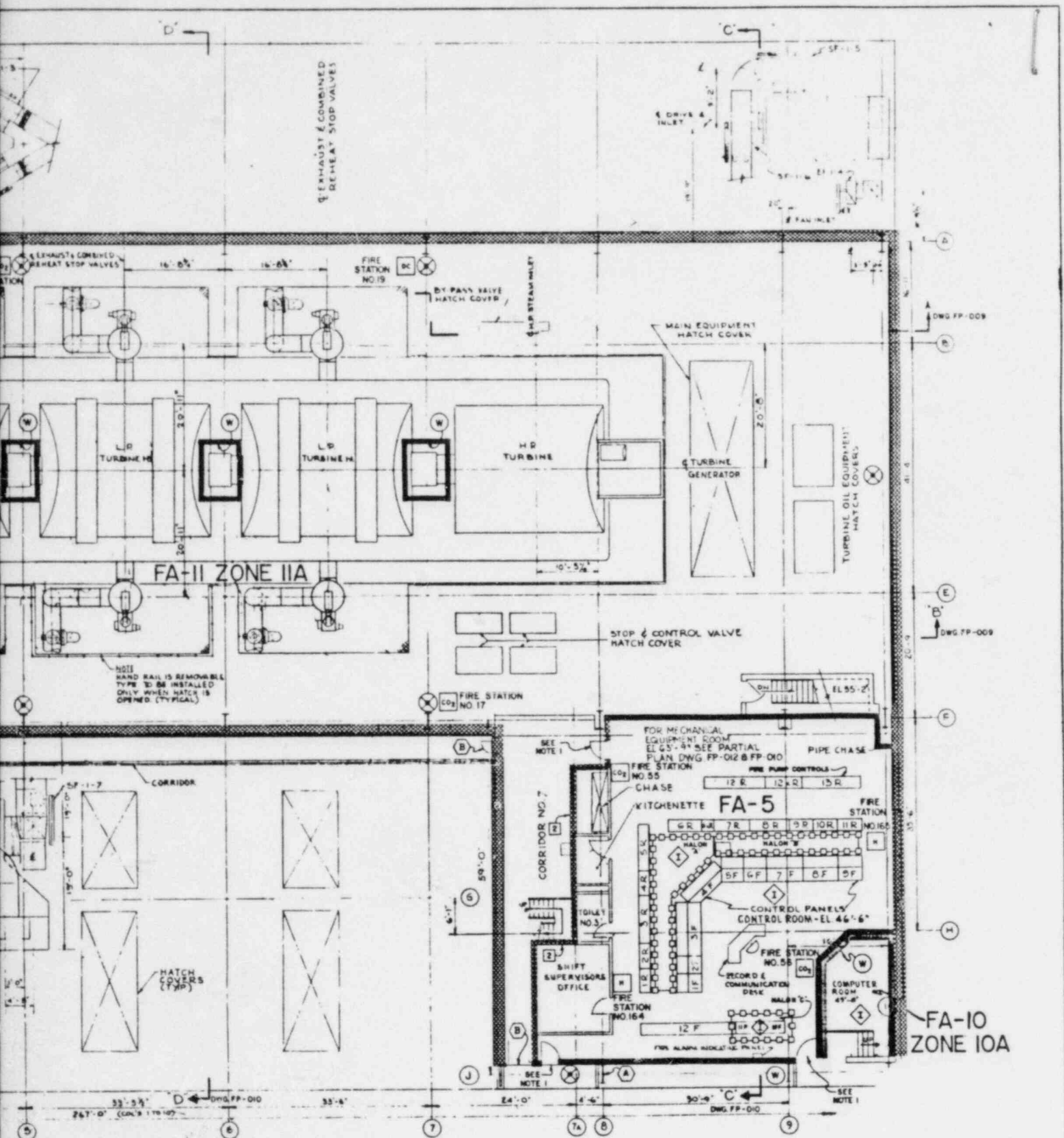
- 05

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8306300001-06

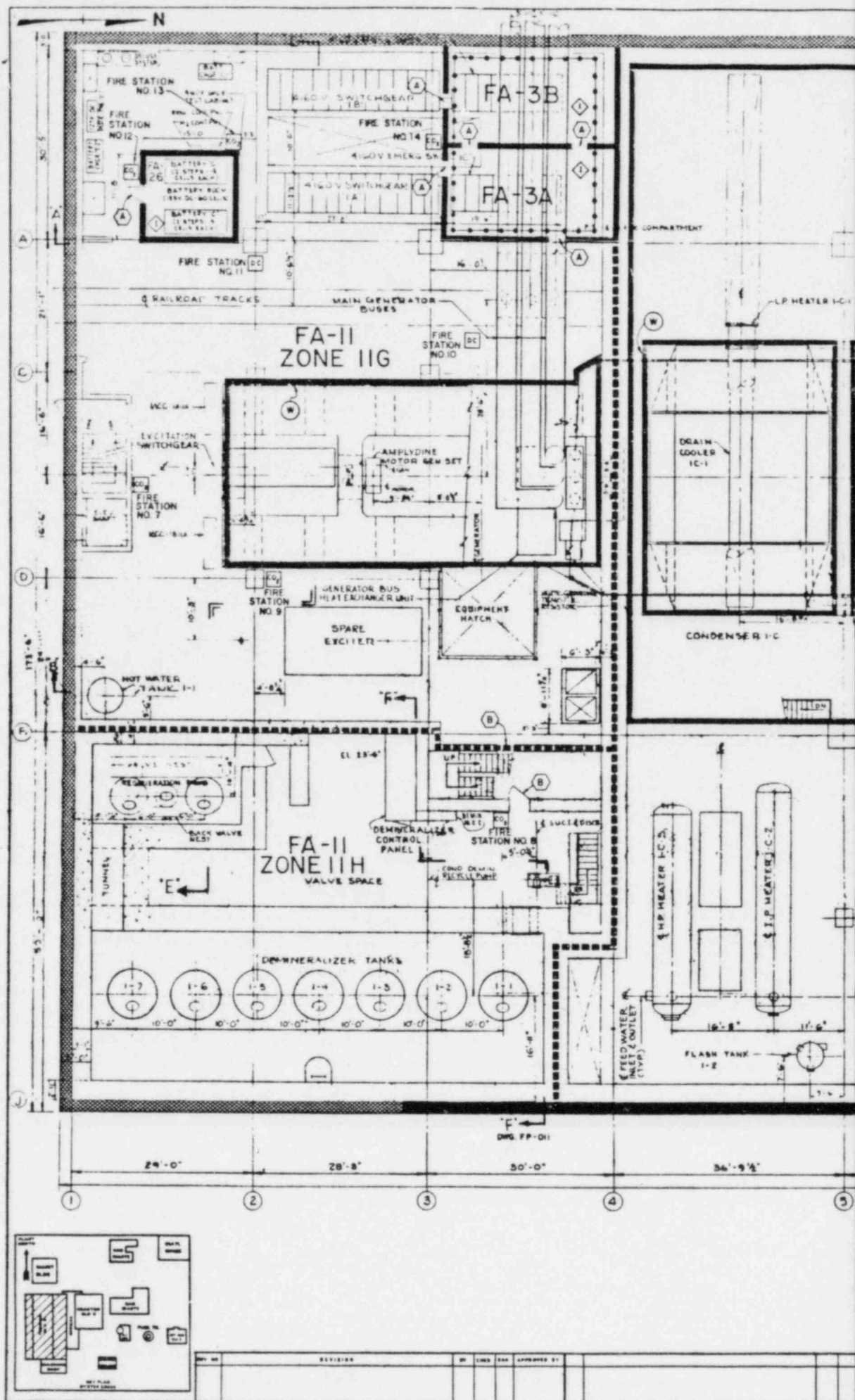


- NOTES:
1. DOOR IS NOT UL LABELED BUT IS BLAST RESISTANT AND OF SUFFICIENT CONSTRUCTION TO PREVENT SPREAD OF FIRE FROM ONE SIDE TO THE OTHER.
 2. FIRE STATION NO. 16 IN CRANE CAB. -CO₂

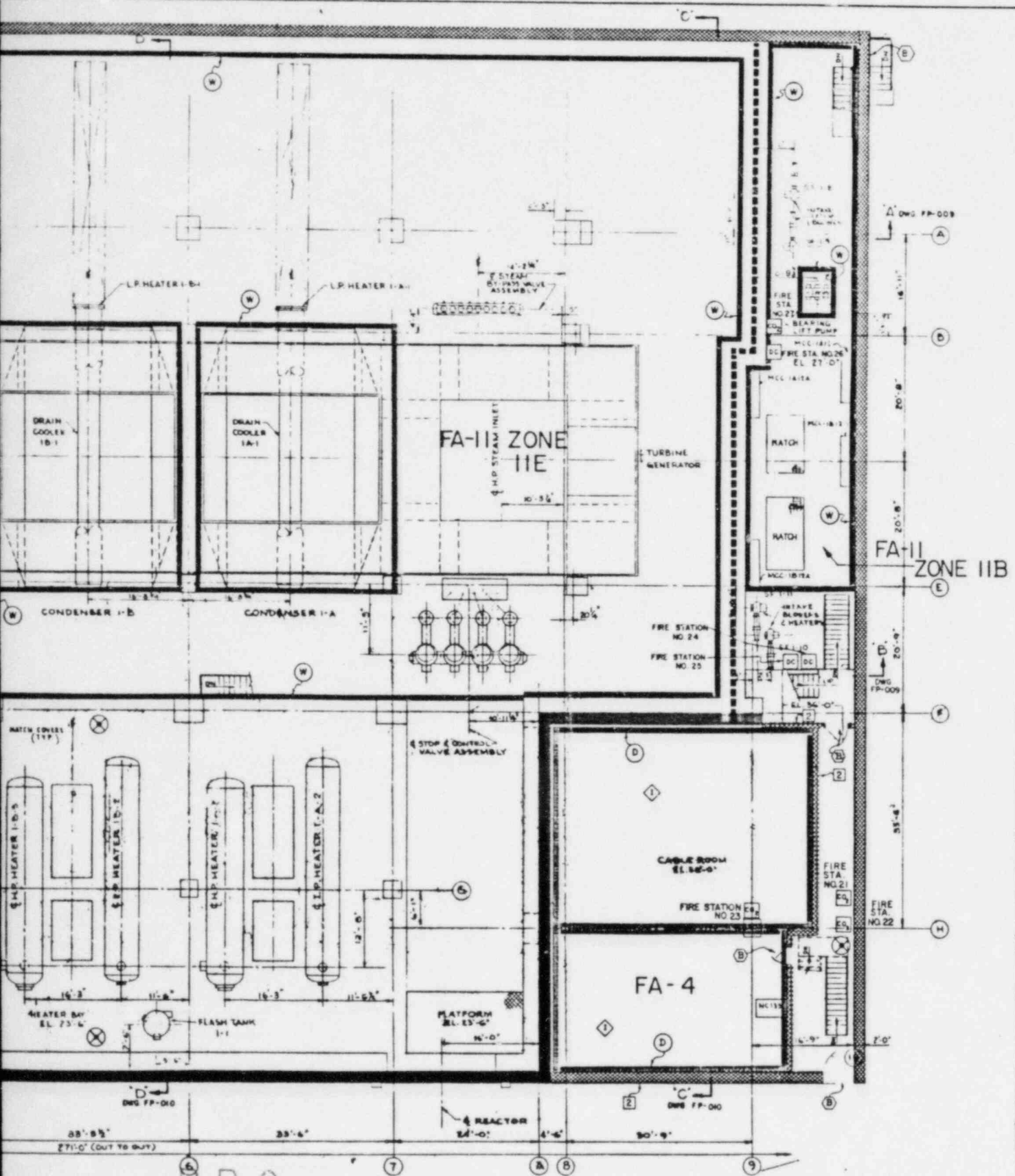
T.F. <u>2/16/82</u> DATE CHECKED <u>R-2-82</u> DATE DESIGN LEADER <u>[Signature]</u> DATE PROJECT MANAGER <u>[Signature]</u> DATE		JERSEY CENTRAL POWER & LIGHT CO. FIRE AREA LAYOUT TURBINE BLDG. "OPERATING FLOOR" OYSTER CREEK	
DWG. NO. <u>FP-006</u> SCALE <u>1/4" = 1'-0"</u>		REV <u>0</u> AUTHORIZATION NO. <u>5300-40645</u>	

NO.	DWG. NO.	TITLE	REFERENCES
1	614-002	GENERAL ARRANGEMENT TURBINE BLDG. OPERATING FLOOR PLAN	

Also Available On
Aperture Card



8306300001-07



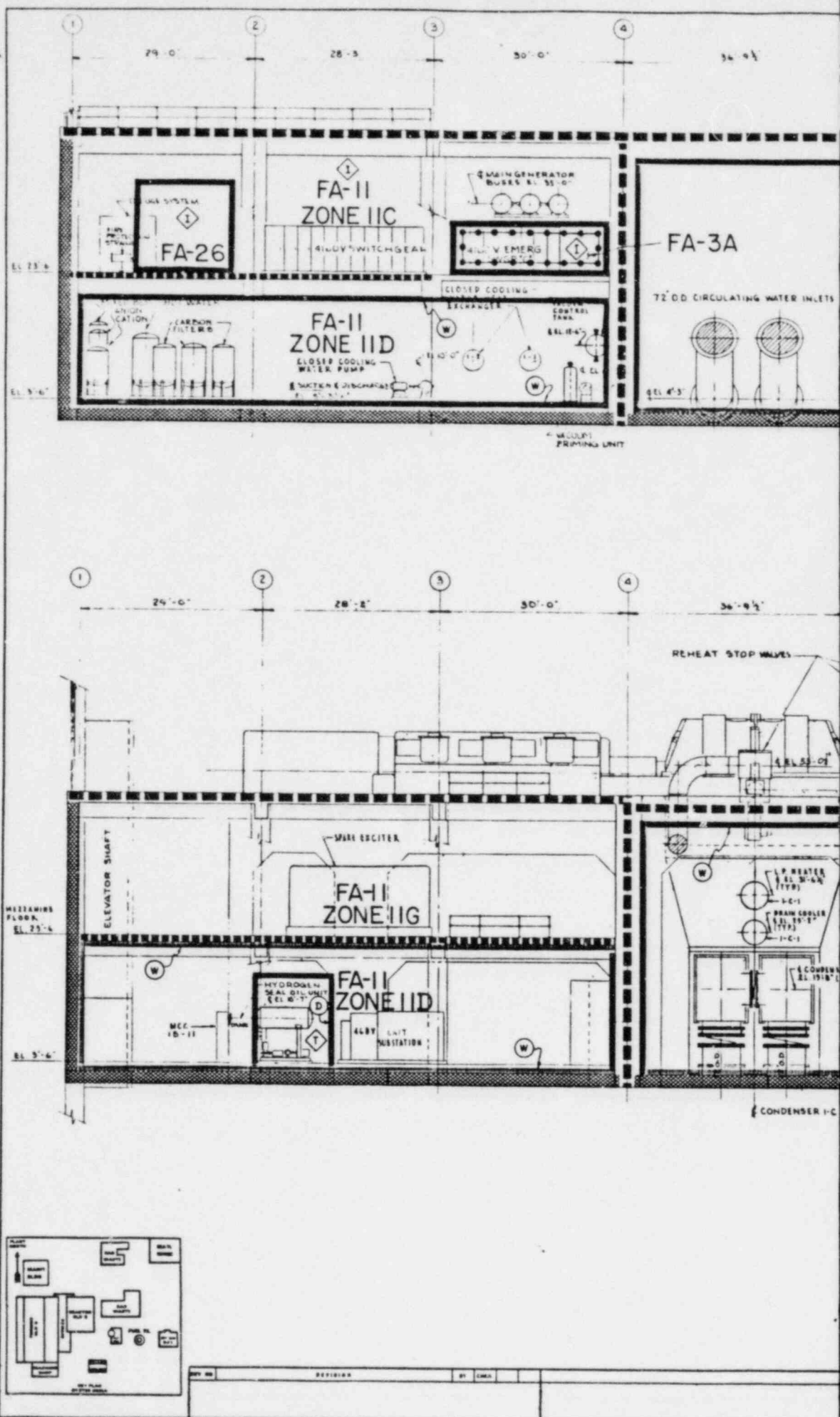
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APERTURE
CARD

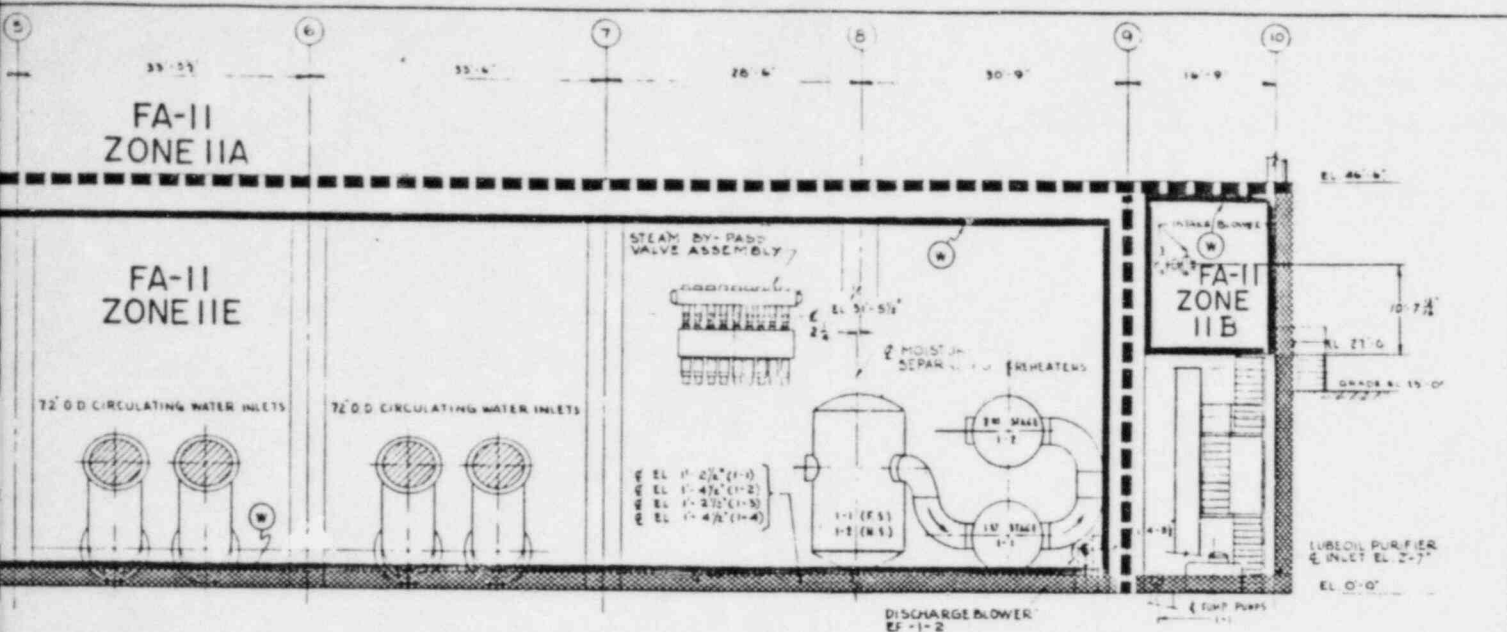
JERSEY CENTRAL POWER & LIGHT CO. FIRE AREA LAYOUT TURBINE BUILDING MEZZANINE FLOOR	
OYSTER CREEK DWG. NO. FP-007 SCALE: 1/8" = 1'-0" AUTHORIZATION NO. 5300-90845	REV 0

1 848.2051 GENERAL ARRANGEMENT-TURBINE BUILDING-MEZZANINE FLOOR PLAN NO. DWG. NO. TITLE REFERENCES	AND 9-23-82 DATE C.F.G. 8-10-82 DATE CHECKED DESIGN LEADER DATE MANAGER APPROVAL DATE ENO. MECH.
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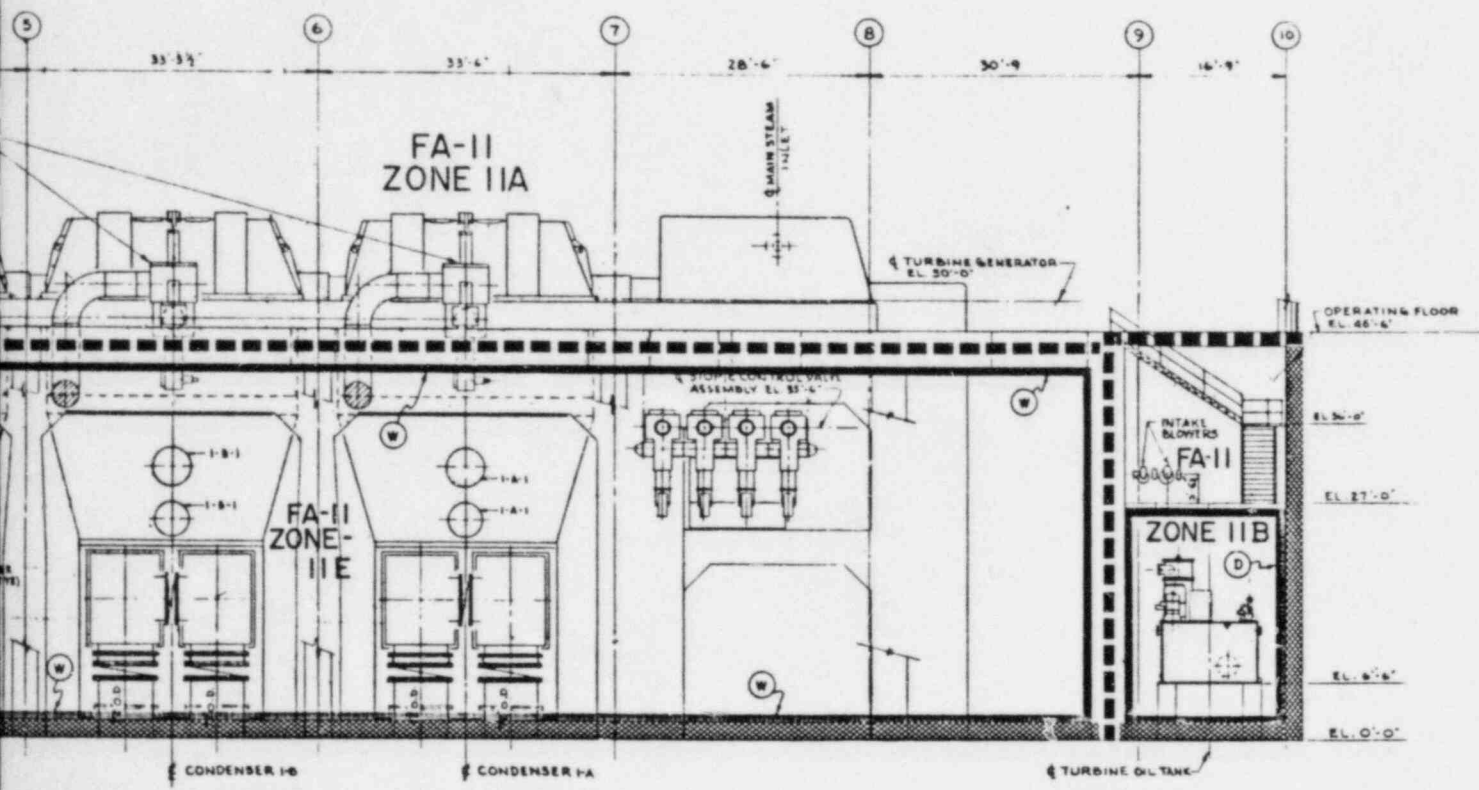
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8306300001-09





SECTION 'A-A'

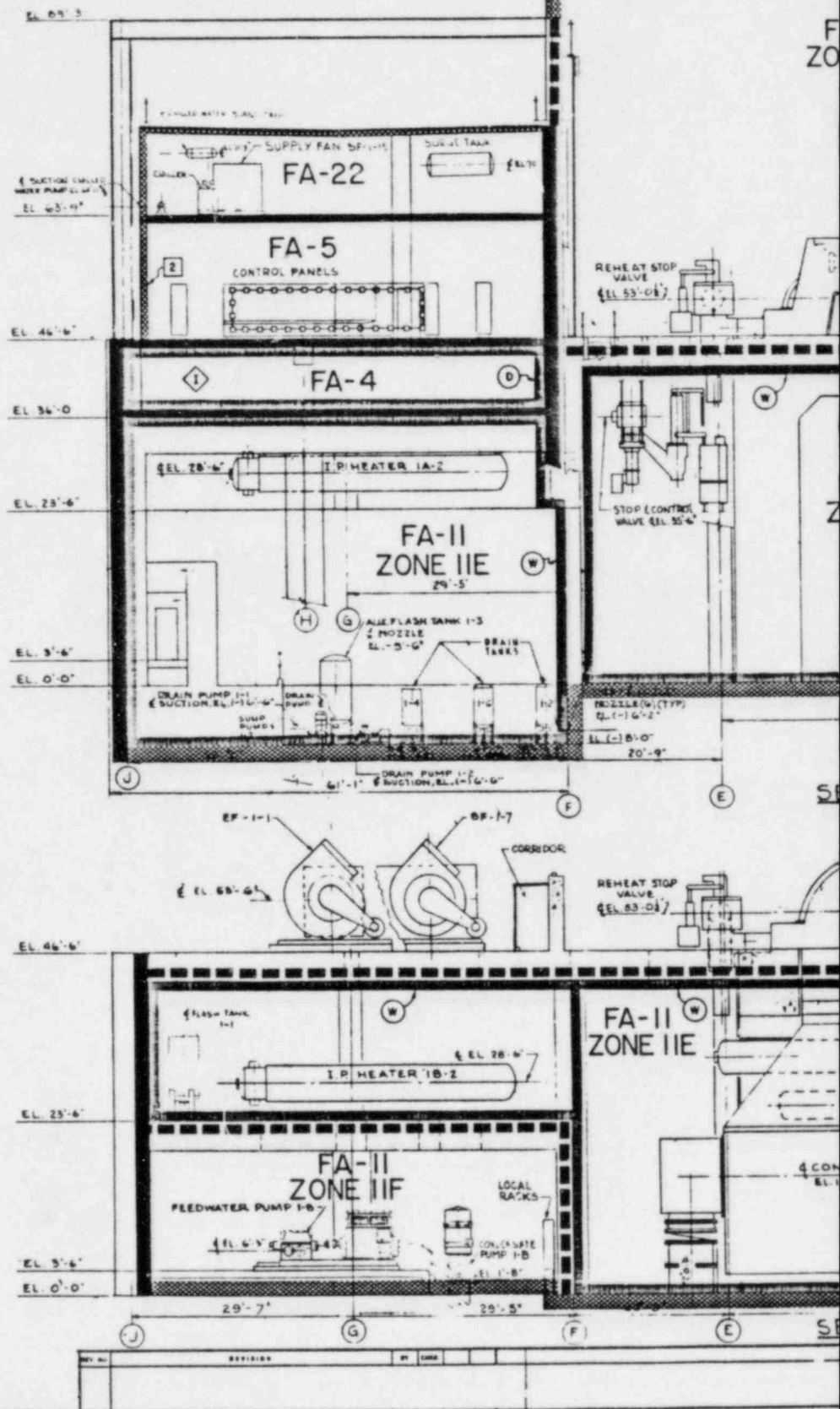
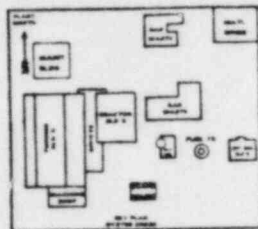


SECTION 'B-B'

PRC
APERTURE
CARD

A.N.D. 2-7-83		JERSEY CENTRAL POWER & LIGHT CO.	
DESIGN	DATE	FIRE AREA LAYOUT	
BY	DATE	TURBINE BLDG.	
CHECKED	DATE	SECTIONS 'A-A' & 'B-B'	
APPROVED	DATE	BY	NO.
BY	DATE	FF-009	0
BY	DATE	SCALE	1/2" = 1'-0"
BY	DATE	AUTHORIZATION NO. 5300-40645	

1 B&R 2555		GENERAL ARRANGEMENT -	
NO.		TURBINE BUILDING SECTIONS	
REFERENCES		TITLE	



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8806300001

-10

A-II
NE IIA

TURBINE GENERATOR

REHEAT STOP VALVE

FANS
EL 52'-6"

FA-II
ONE IIE

DISPASS VALVE
EL 38'-0"

MOISTURE SEPARATORS

2ND STAGE REHEATER 1-2

NOTE:
2ND STAGE REHEATER 1-4,
1ST STAGE REHEATER 1-3 &
DISCHARGE BLOWER EF-1-3
OPPOSITE HAND.

1ST STAGE REHEATER 1-1

SECTION 'C-C'

FA-II
ZONE IIA

TURBINE GENERATOR

REHEAT STOP VALVE

FAN
EL 51'-10"

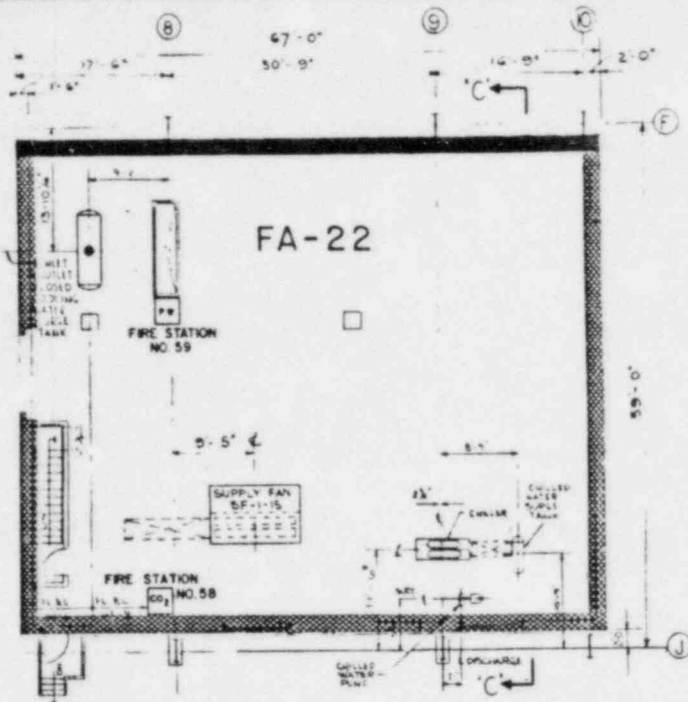
LP HEATER B-1
EL 31'-6"

DRAIN COOLER B-1
EL 25'-2"

DENSER 'B'

SECTION 'D-D'

72" OD CIRCULATING WATER
INLET EL 4'-3"



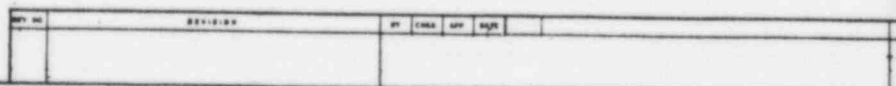
PARTIAL PLAN

MECHANICAL EQUIPMENT ROOM
EL. 63'-9"

PRC
APERTURE
CARD

JERSEY CENTRAL POWER & LIGHT CO.	
FIRE AREA LAYOUT TURBINE BUILDING SECTION 'C-C' & 'D-D'	
DESIGNER C. E. G.	DATE 2/18/51
CHECKED C. E. G.	DATE 2/18/51
APPROVED C. E. G.	DATE 2/18/51
ENGINEER C. E. G.	DATE 2/18/51
DRG NO. FP-0010	REV. 0
SCALE 1/8" = 1'-0"	AUTHORIZATION NO. 5300-40645

NO.	DWG. NO.	TITLE
1	519-2004	GENERAL ARRANGEMENT TURBINE BUILDING SECTIONS
REFERENCES		

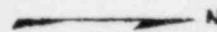
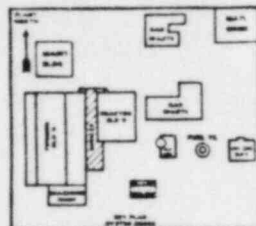


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AHD 2-7-83 OR DATE DATE C-5 2-10-83 OR CODE DATE		JERSEY CENTRAL POWER & LIGHT CO. FIRE AREA LAYOUT TURBINE BLDG. SECTIONS "E-E" "F-F"	
YELLOW LEADER DATE <i>Yellow Leader Not Used</i> APPROVED DATE MANAGER APPROVAL DATE		SMC NO OYSTER CREEK FP-0011 SCALE: 1/8" = 1' 0"	
LONG MECH		AUTHORIZATION OR NO 5300 40645	

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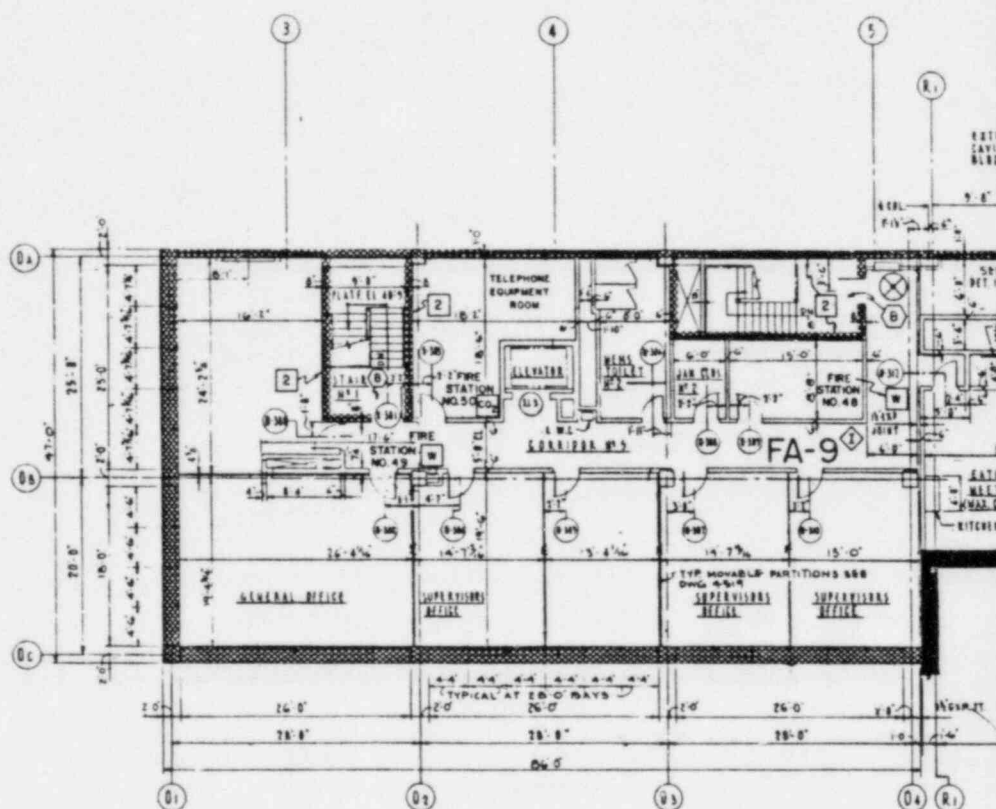
CORRIDOR ROOF

H.P. ROOF SLAB

TOP OF CURB SLAB

H.P. ROOF EL. 61.0'

PLAN E
SCALE



THIRD F

8306300001-12

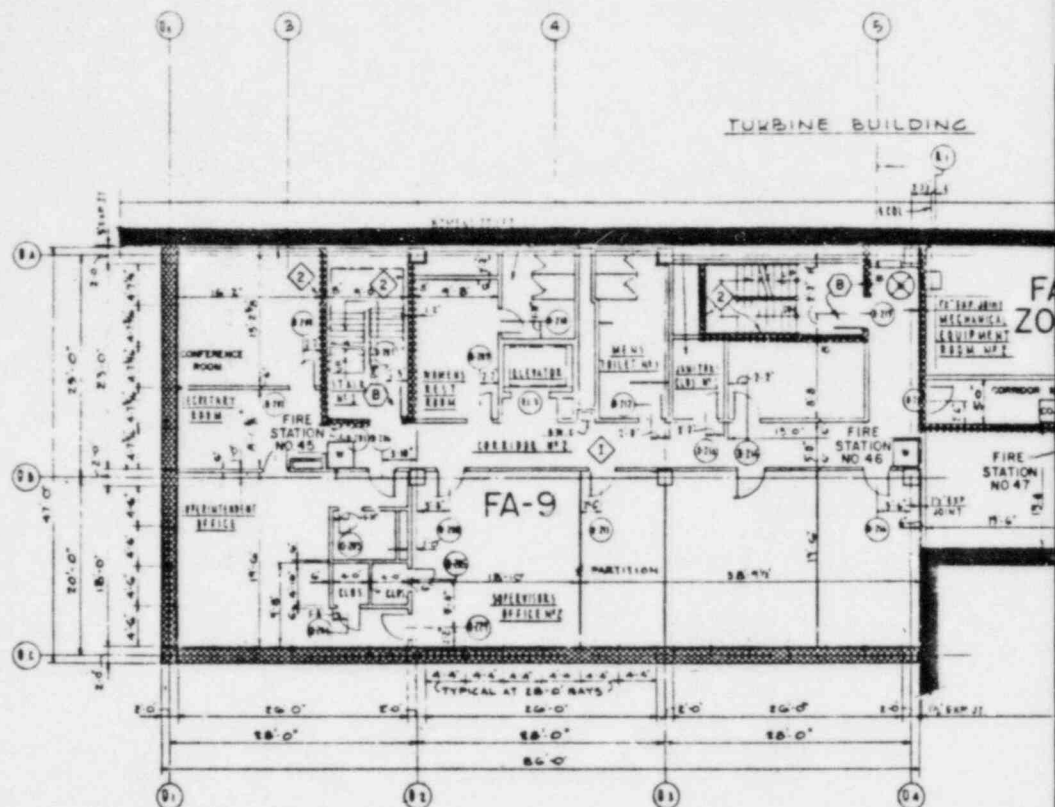


50000 = 5 × 10⁴

T.P. 2/16/89 GLENN DATE G.F.G. 2-11-89 CHECKED DATE DESIGN LEADER DATE 2/16/89 PROJECT NO. 5300-40848 100% BIDDING SUGGESTED APPROVAL DATE	JERSEY CENTRAL POWER & LIGHT CO. FIRE AREA LAYOUT THIRD FLOOR OFFICE BUILDING OYSTER CREEK DWG. NO. FP-0012 SCALE: 1/8"=1'-0" DATE: 2/16/89 BY: G.F.G.
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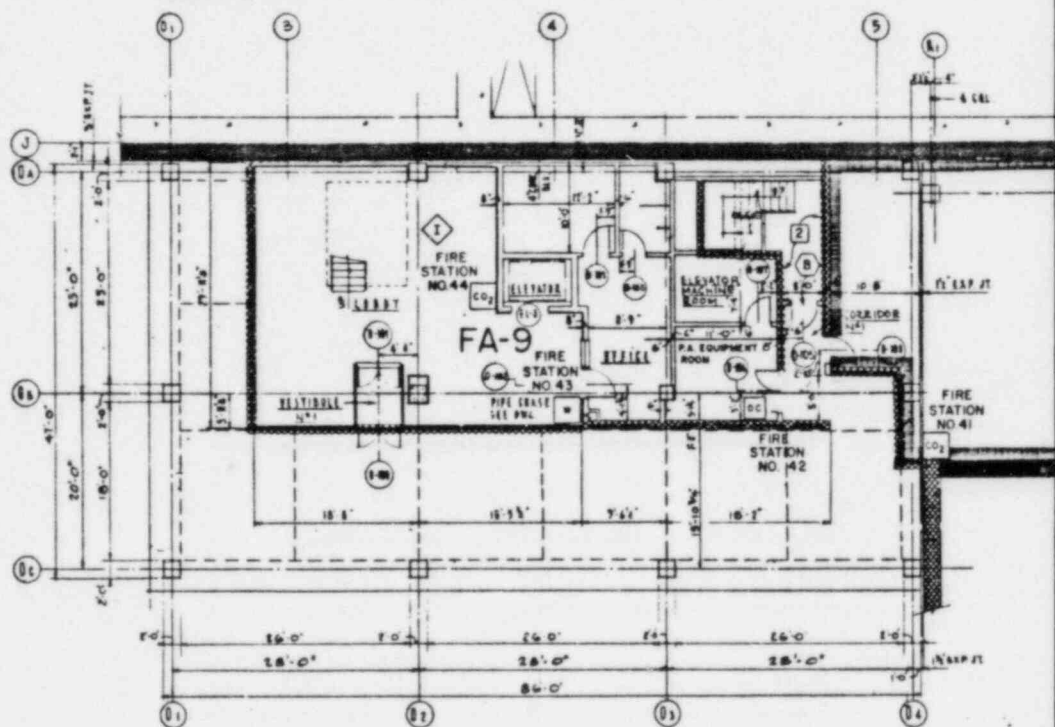
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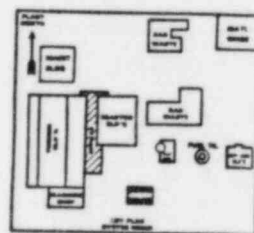
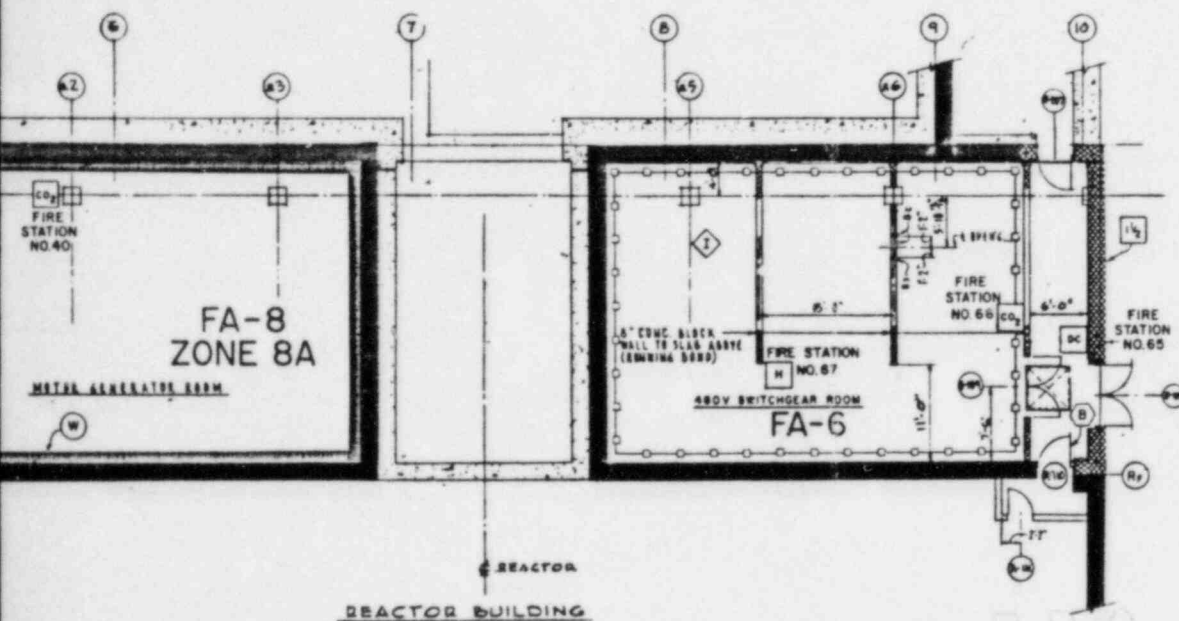
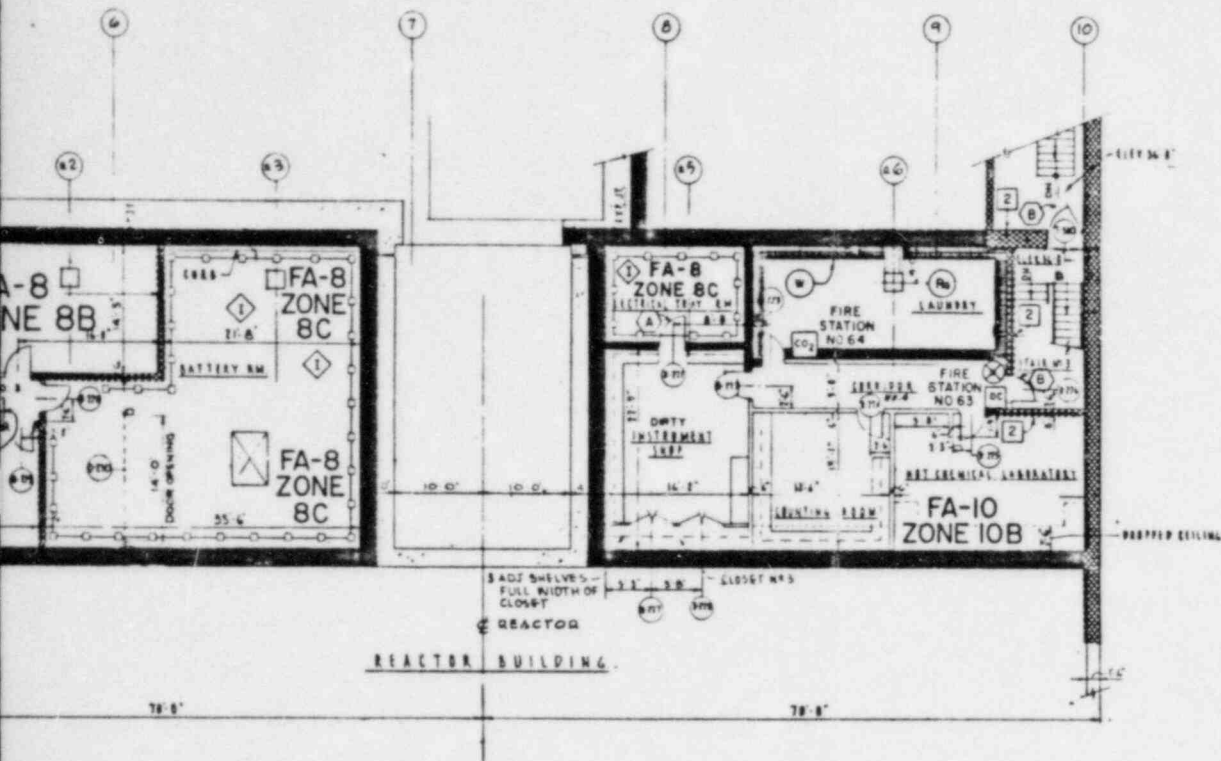
SECOND FLOOR PLAN - EL 35'-0"

SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN - EL 23'-6"

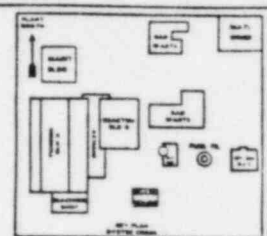
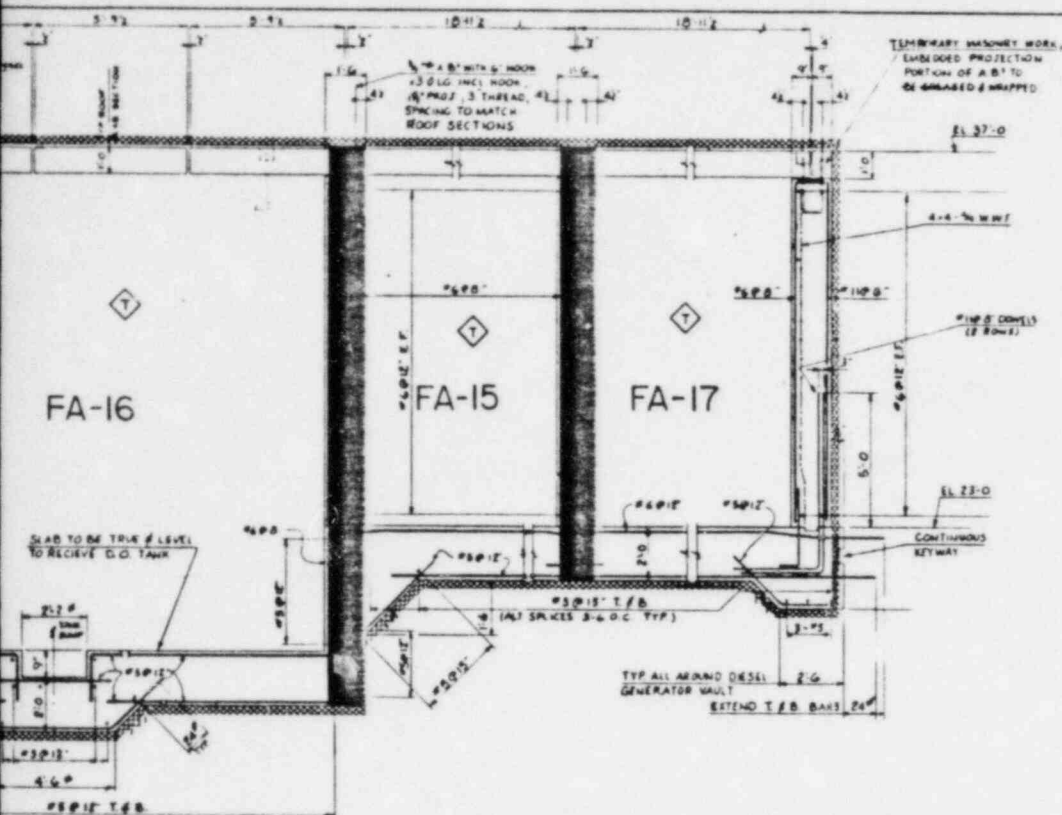
SCALE: 1/8" = 1'-0"



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DESIGNED BY: 10/20/63 CHECKED BY: 10/20/63 DESIGN LEADER: 10/20/63 APPROVED BY: 10/20/63 DRAWN BY: 10/20/63		JERSEY CENTRAL POWER & LIGHT CO. FIRE AREA LAYOUT FIRST & SECOND FLOOR OFFICE BUILDING	
OYSTER CREEK		DWS NO: FP-0013 SCALE: 1/8" = 1'-0" AUTHORIZATION NO: 5300-40645	
NO. 000-000 DWS NO.		PRINT & SECOND FLOOR PLANS - OFFICE BUILDING REFERENCES	

[illegible]



SECTION A-A
SCALE 1/8"=1'-0"

NOTE 1- IONIZATION DETECTION IN
CONTROL CABINETS ONLY

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1 818-4422 NO. DWG NO.		EMERGENCY DIESEL GENERATOR VAULT PLANT, SECTIONS & DETAILS TITLE	REFERENCES	TS 2-9-63 DESIGNED BY CHECKED BY REVISIONS 1. 11/1/63 2. 11/1/63 3. 11/1/63	JERSEY CENTRAL POWER & LIGHT CO. FIRE AREA LAYOUT EMERGENCY DIESEL GENERATOR VAULTS PLANS, SECTIONS & DETAILS OYSTER CREEK DWG NO. FP-0014 SCALE 1/8"=1'-0"	AUTHORIZATION NO. 5300-40645
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