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ACCESSION NBR: 8105050287 DOC. DATE: 81/05/01 NOTARIZED: NO DOCKET #
 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Gas & Electric Co. 5000275
 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Gas & Electric Co. 05000323
 AUTH. NAME: AUTHOR AFFILIATION
 CRANE, P. A. Pacific Gas & Electric Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 MIRAGLIA, F. J. Licensing Branch 3

SUBJECT: Forwards info re status of fire fighting support by CAI Dept of Forestry, in response to NRC request. Util feels that Dept of Forestry, despite 810420, ltr, is still required by law to provide facility fire support.

DISTRIBUTION CODE: B0025 COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6
 TITLE: Fire Protection (Prior to Issuance of OL).

NOTES: 1 cy: J. Hanchett (Region V) 05000275
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MAY 06 1981

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PACIFIC GAS AND ELECTRIC COMPANY

PG&E

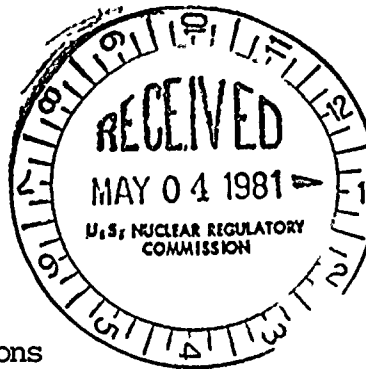
P. O. BOX 7442 • 77 BEALE STREET, 31ST FLOOR, SAN FRANCISCO, CALIFORNIA 94106
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May 1, 1981



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ATTORNEYS

Mr. Frank J. Miraglia, Jr., Chief
Licensing Branch No. 3
Division of Licensing
Office of Nuclear Reactor Regulations
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Docket No. 50-275
Docket No. 50-323
Diablo Canyon Units 1 and 2

Dear Mr. Miraglia:

In response to a Staff request, attached is information dealing with the status of fire fighting support by the California Department of Forestry (CDF).

In a letter dated April 20, 1981 from T. J. Waddell to R. C. Thornberry, CDF informed PGandE that it was rescinding the February 13, 1979 letter of understanding which provided for CDF to furnish backup fire protection services to the Diablo Canyon Nuclear Power Plant. From our reading of the April 20 letter it appears that CDF is primarily concerned with the development of an internal CDF response plan and radiation protection training for their personnel.

By letter dated April 29, 1981, PGandE stated that with the completion of the radiation training program, as outlined in its reply, all provisions of the February 13, 1979 letter of understanding will have been satisfied. Further, it is PGandE's opinion that CDF is still required by law to provide necessary and adequate fire support at Diablo Canyon notwithstanding the CDF letter of April 20, 1981.

Very truly yours,

Philip A. Crane

3002
5

Attachments

CC w/attachments: Service List

8105050 287
F



PACIFIC GAS AND ELECTRIC COMPANY

PG&E +

DIABLO CANYON POWER PLANT
P.O. Box 56 • Avila Beach, California 93424 • (805) 595-7311.

R.C. THORBERRY
PLANT MANAGER

April 29, 1981

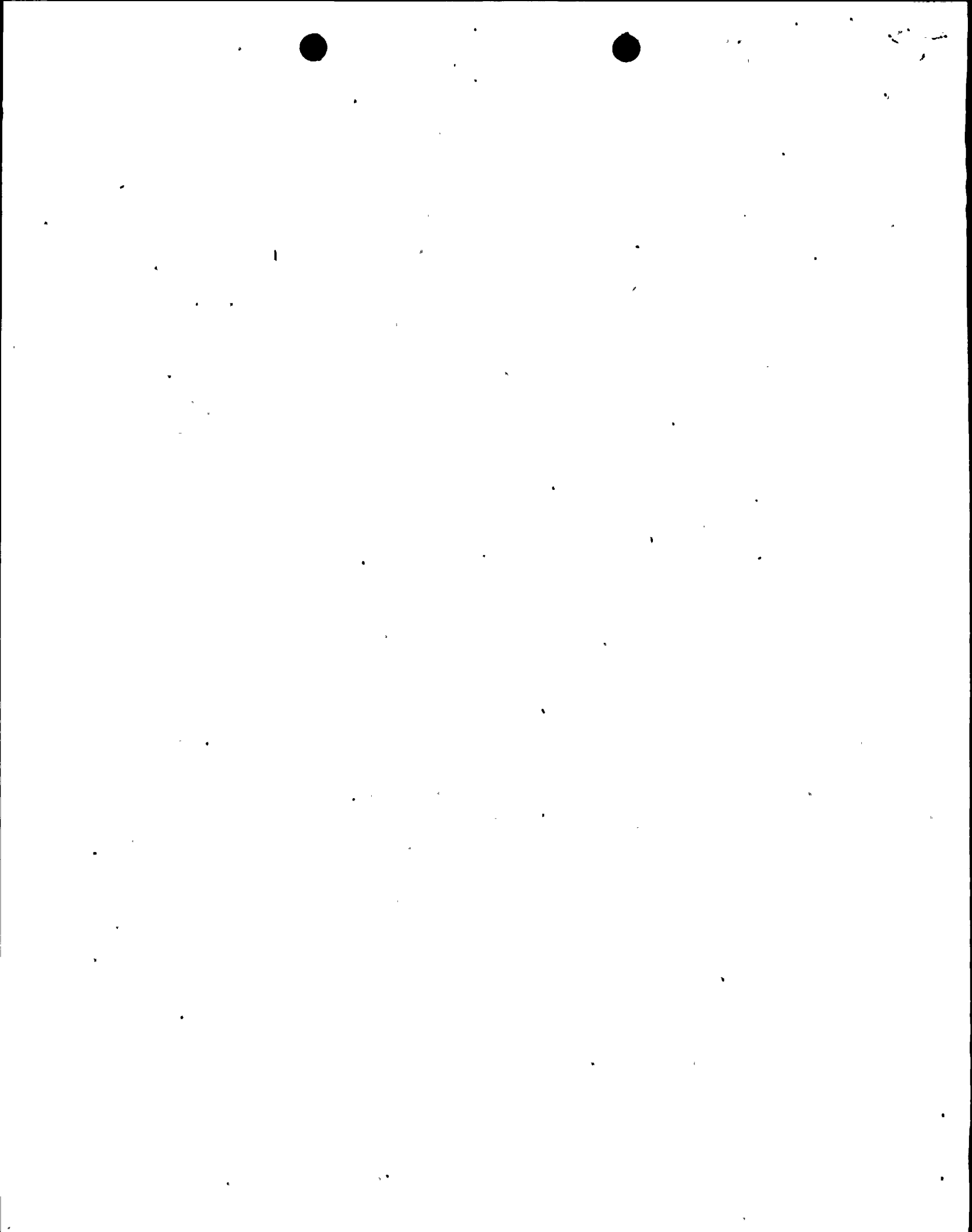
Mr. T. J. Waddell
Ranger-In-Charge
County Fire Chief
California Department of Forestry
P. O. Box 151, Highway 1, North
San Luis Obispo, CA 93406

Dear Mr. Waddell:

Pacific Gas and Electric Company is in receipt of your letter of April 20, 1981, rescinding the February 13, 1979 letter of understanding (copy attached) which provides for the California Department of Forestry to furnish backup fire protection services to the Diablo Canyon Nuclear Power Plant. It appears that CDF is concerned with the development of an internal CDF response plan and the radiation protection training for CDF personnel.

With regard to the general subject of training, we believe there are two aspects as far as CDF involvement with Diablo Canyon is concerned. The first aspect involves general plant familiarization. It is appropriate that this training be ongoing during the preoperational phase as well as the postoperational phase of plant life, since CDF assistance might be required before the plant is licensed. As you know, since the February 13, 1979 letter of understanding was issued, we have made the following training available not only to CDF personnel, but also, at times, to other volunteer firefighting groups:

1. November 26, 1980: Plant Familiarization Tour for California Department of Forestry Personnel - 20 CDF participants.
2. October 14, 1980: Quarterly Fire Drill at Diablo Canyon Nuclear Power Plant - 11 CDF participants.
3. February 14, 1980: Quarterly Fire Drill at Diablo Canyon Nuclear Power Plant - 7 CDF participants.
4. February 9, 1980: Plant Familiarization Tour for California Department of Forestry Firefighting Crews - 2 CDF participants and 10 Avila Valley Volunteers.



5. October 30, 1979: Plant Familiarization Tour for California Department of Forestry Crews - 7 CDF participants.
6. March 29, 1979: Fire Drill at Diablo Canyon Nuclear Power Plant - 8 CDF participants.
7. March 17, 1979: Plant Familiarization Tour of Diablo Canyon Nuclear Power Plant - 15 CDF participants.
8. March 13, 1979: Plant Familiarization Tour of Diablo Canyon Nuclear Power Plant - 10 CDF participants.

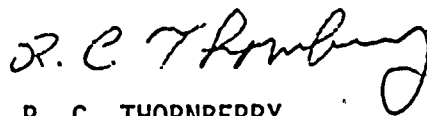
We feel that this provides an adequate level of training for CDF personnel to respond to any preoperational fire emergency.

There is, of course, no preoperational radiation hazard at Diablo Canyon. Because of this, and because of the inordinate delay in licensing, it has seemed most appropriate to us to defer this aspect of the training program until as close to startup as possible. With the anticipation of receiving a license in the near future, we have recently reinstated a series of radiation protection training programs onsite, and are making arrangements for personnel from interested offsite organizations to participate in this training. In this regard, Will Kaefer of my staff has been in contact with you, and a schedule has been established to train approximately 60 CDF personnel during the period between May 2 and May 23, 1981. Therefore, this training should be complete prior to our anticipated fuel loading date. However, regardless of the status of radiation protection training for CDF personnel, it has always been our intention to insure the safety of CDF personnel by providing trained PGandE radiation monitors during any fire emergency involving radiation.

In addition, Mr. Kaefer has provided you with considerable material describing our fire protection measures to assist you in preparing any written internal CDF plans which you deem necessary. We stand ready to assist you in any way we can in preparing or reviewing these plans.

Finally, it is our opinion that CDF is required by law to provide necessary and adequate fire support at Diablo Canyon and, notwithstanding the letter of April 20, 1981, CDF must continue to provide this support. With completion of the radiation training as noted above, we believe that all provisions of the February 13, 1979 letter of understanding will have been satisfied.

Sincerely,



R. C. THORBERRY

RCT:ws

Attachment

DEPARTMENT OF CONSERVATION

DEPARTMENT OF FORESTRY

P.O. Box 151, Hwy 1, N.
San Luis Obispo, CA. 93406
805-543-4244



February 13, 1979

7100 COOPERATIVE FIRE PROTECTION
7150 Mutual Aid
Diablo Canyon Power Plant (PG&E)

Pacific Gas & Electric Company
Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, California 93424


Attention: Mr. R.D. Ramsay, Plant Superintendent

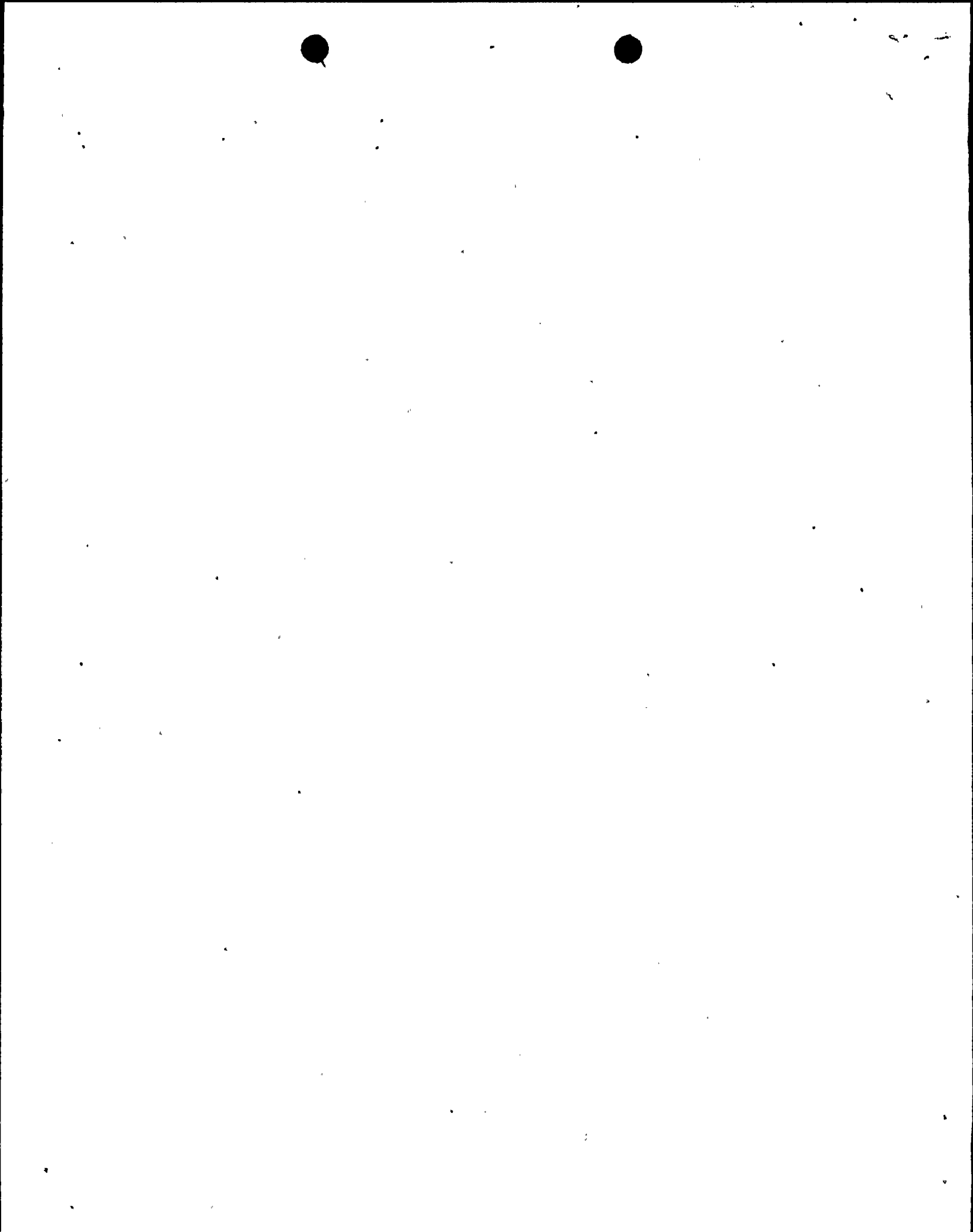
Dear Mr. Ramsay:

This letter of understanding supercedes our letter of February 1, 1978. As discussed with your representative, this Department approves of and agrees to the following procedures.

1. To provide fire suppression support for grassland fires and/or in plant fires and emergency medical incidents at Diablo Canyon.
2. To participate in a fire drill on a semi-annual basis.
3. To make designated members of the Department available for basic training in radiation protection to be presented by P.G. & E. personnel.
4. That Department personnel, when called to assist in fire suppression, have the authority and responsibility to determine and utilize the most effective fire suppression methods, providing, that these methods do not adversely affect nuclear safety or the possible health and safety of the public.
5. That PG&E will, when asking for assistance, advise the Department if the potential for radiation exposure and/or contamination exists.
6. That, when the potential for radiation exposure and/or contamination exists, PG&E will provide dosimeters for Department personnel and will provide a trained monitor to accompany Department personnel to advise and insure that Forestry personnel are not unnecessarily exposed.
7. That PG&E will, at the conclusion of any fire suppression activity, monitor Department personnel and equipment for contamination and perform any decontamination work required.
8. That PG&E will replace any equipment that cannot be satisfactorily decontaminated.

Sincerely,


T.J. Waddell, Ranger-in-Charge/County Fire Chief



DEPARTMENT OF FORESTRY

P.O. Box 151, Hwy 1, North
San Luis Obispo, CA 93406
805-543-4244



April 20, 1981

Mr. Robert Thornbery
Plant Superintendent
Pacific Gas & Electric Company
Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424

Dear Mr. Thornbery:

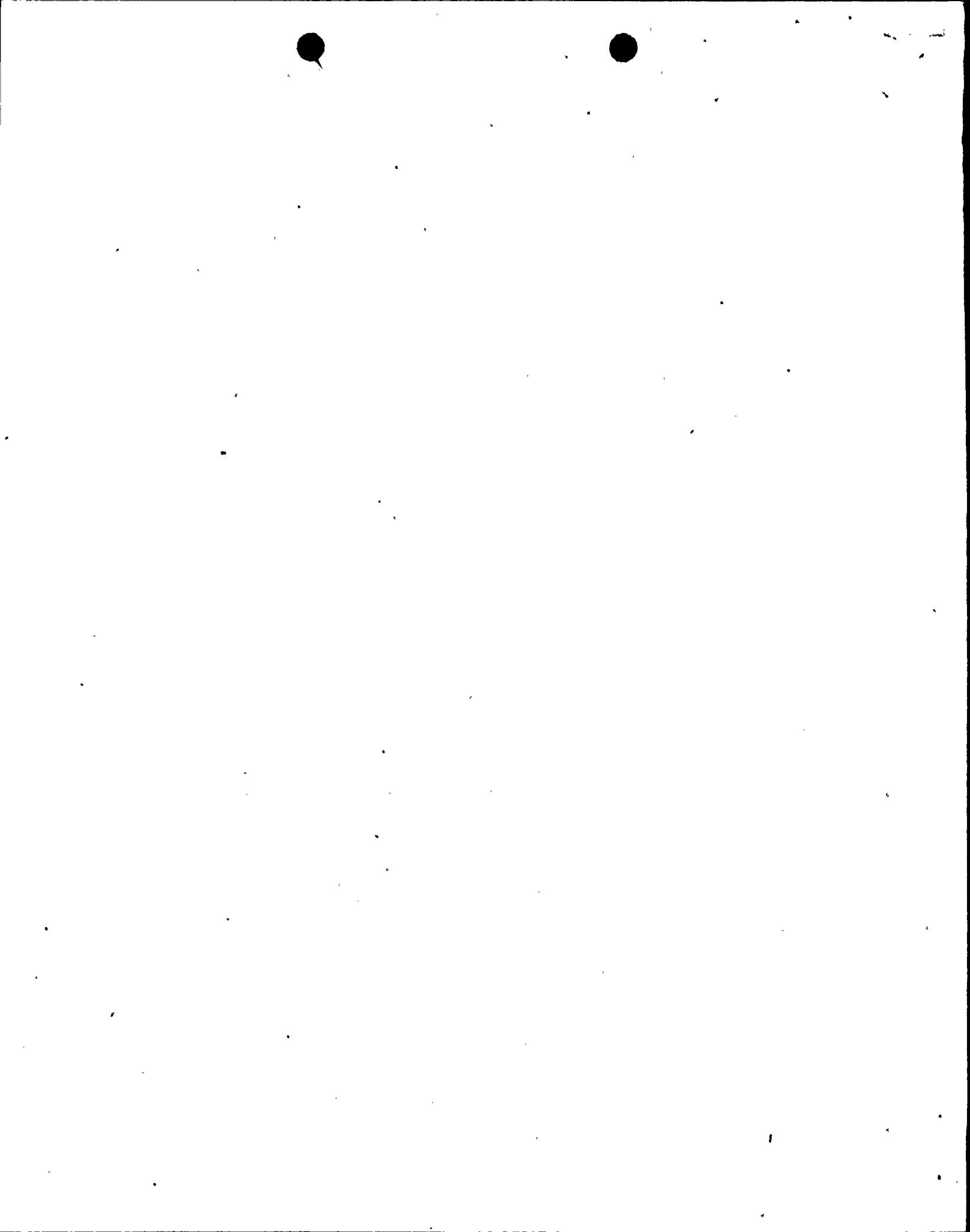
Thank you for the courtesies extended to me, to other California Department of Forestry representatives, and to representatives of other interested emergency service organizations on the tour of the Diablo Canyon Plant on 16-April.

My superiors have requested that I cancel the letter-of-understanding dated 13-February, 1979, which I had directed to your predecessor. The CDF and other interested fire service representatives are prepared to meet with P.G. & E. to develop an adequate and comprehensive plan for CDF's response to any on-site emergencies. You will recall that we have initiated participation from the other fire service representatives by my letter of 13-April, directed to all County Fire Chiefs, inviting them to a tour of the Diablo Canyon Plant on 14-May. This was coordinated by P.G. & E. representative, Chuck Richmond.

It seems to me that the plan should consist of at least three elements, they are:

1. Training needs - focused primarily on radiation protection and suppression efforts involving high voltage electrical fires.
2. An assessment of specialized equipment needs for off-site personnel responding to an incident at Diablo Canyon.
3. A fire pre-plan of the Diablo Canyon Plant, showing in routine schematic form, the inventory and location of firefighting equipment and primary access to the various structures. It should also address the structure of the P.G. & E. fire brigade and CDF liaison.

continued...

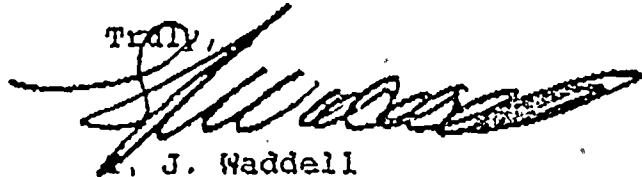


April 20, 1981

Upon completion of this planning effort we will then prepare a new letter-of-understanding, which will be reviewed by my superiors.

Finally, I must inform you that CDF will not respond to any Diablo Canyon facility on-site emergency where we might be faced with possible radiation hazards until appropriate training of CDF personnel has been completed.

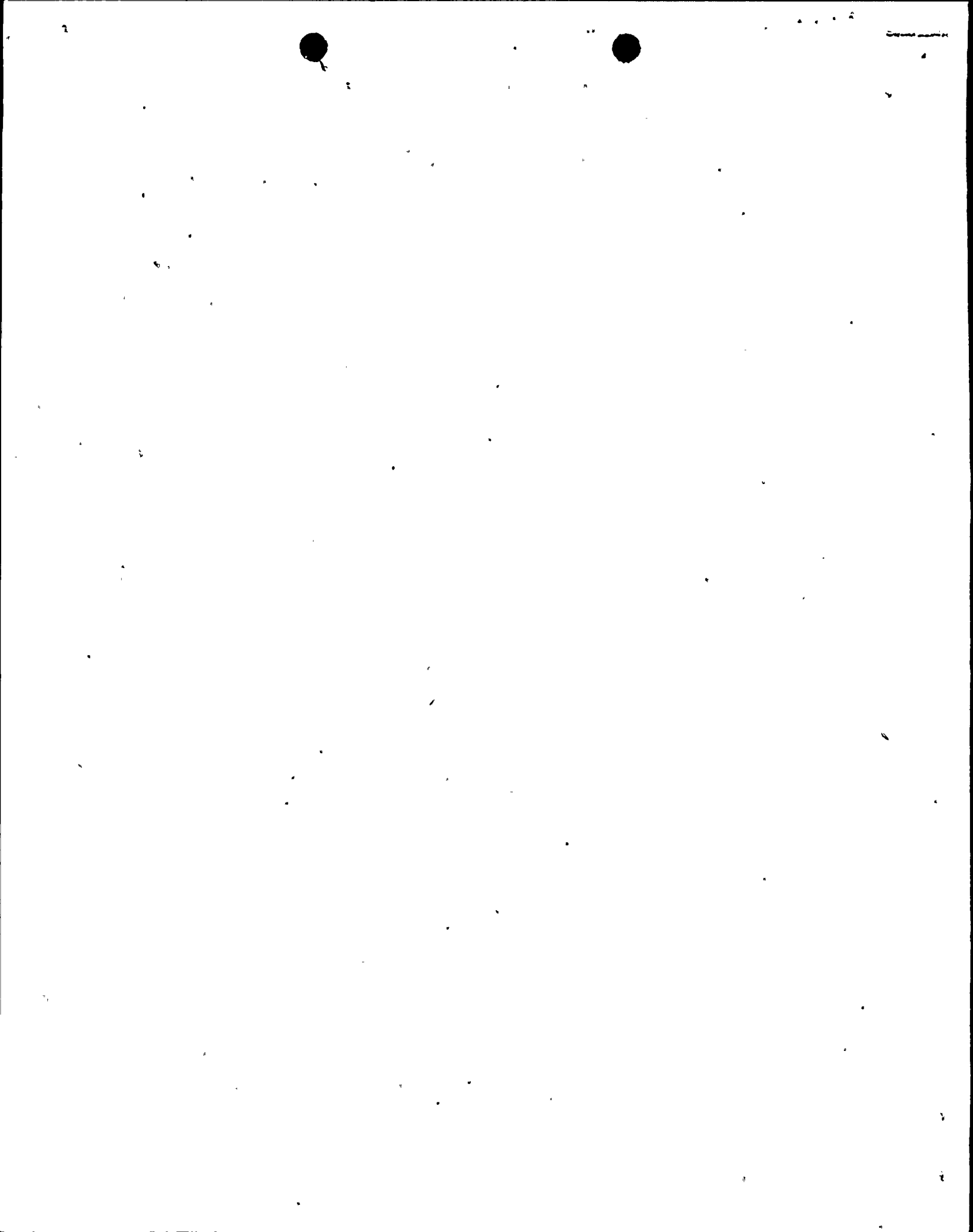
Truly,

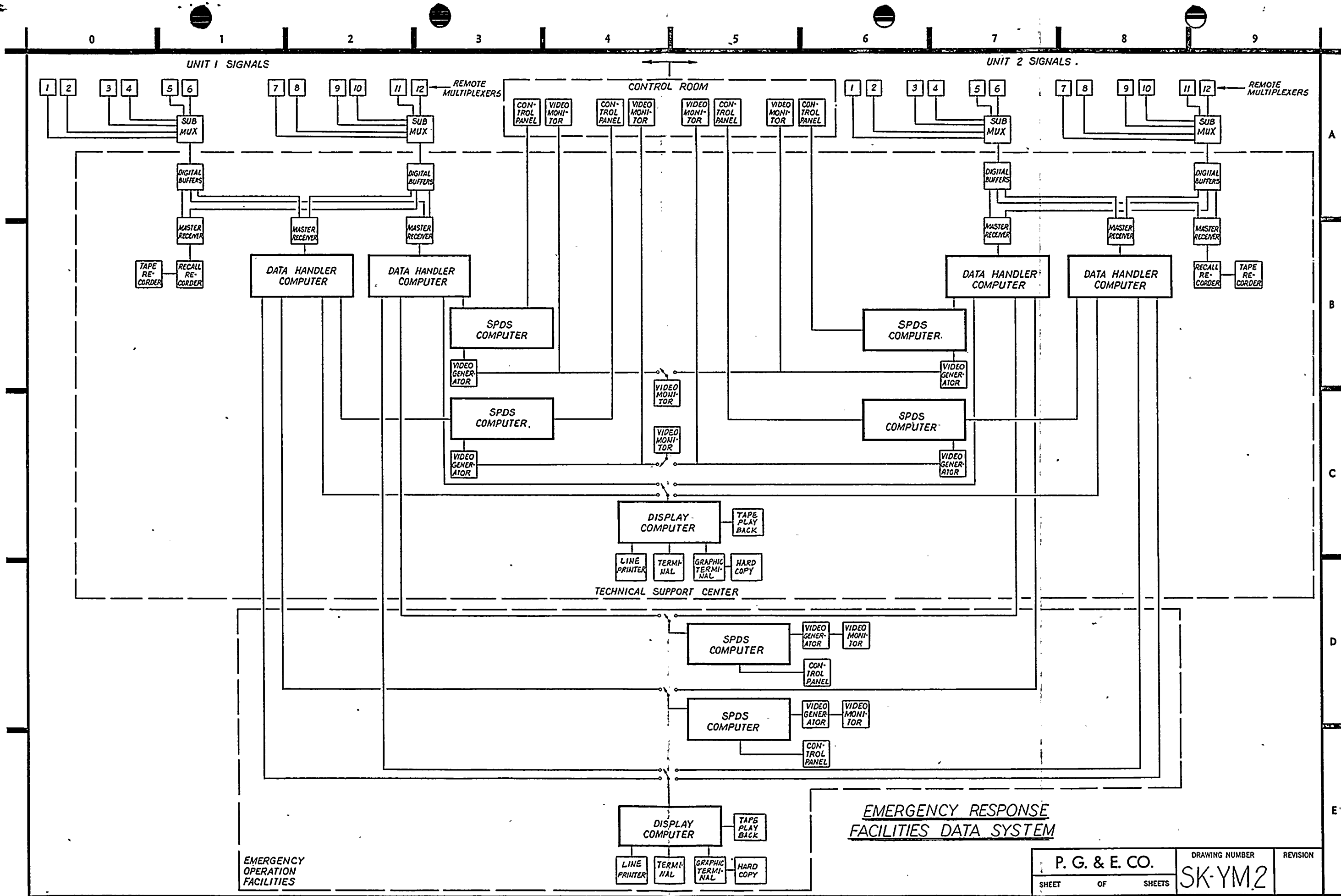


J. Waddell
Ranger-in-Charge/County Fire Chief

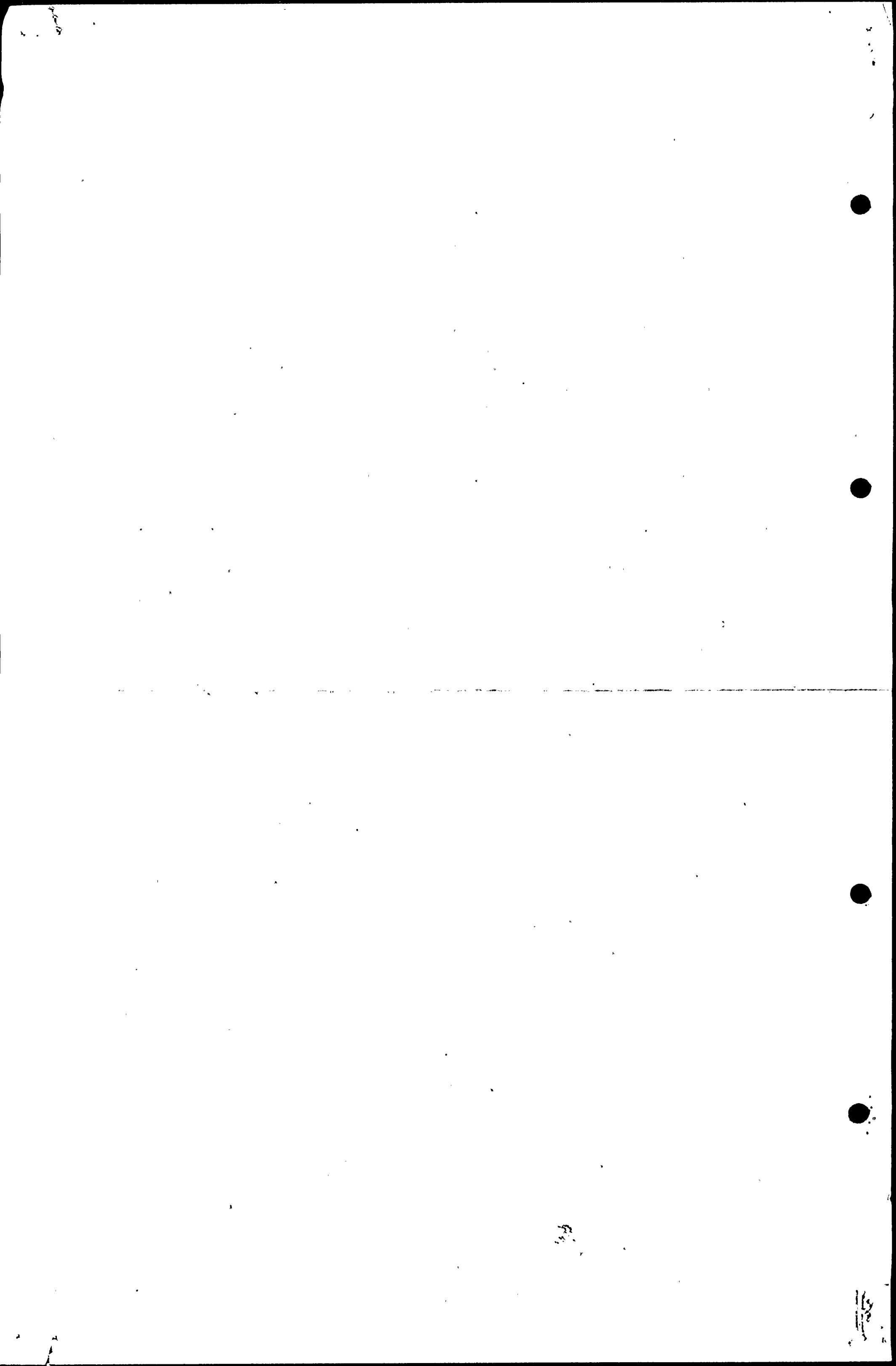
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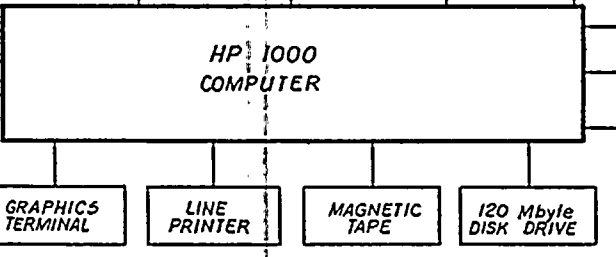
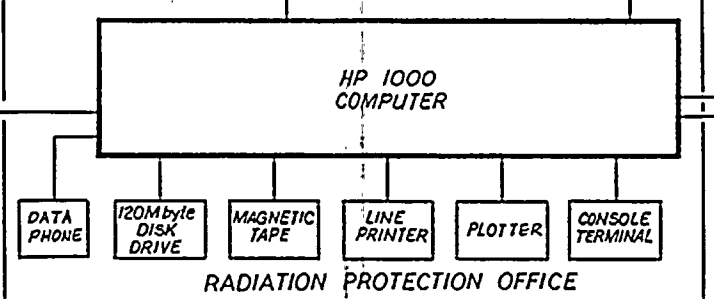
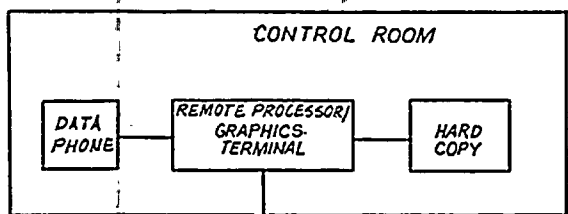
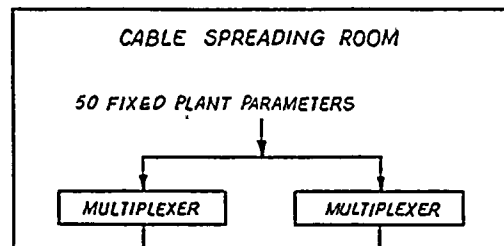
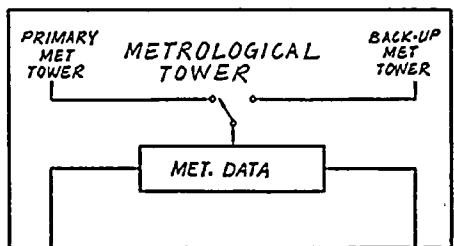
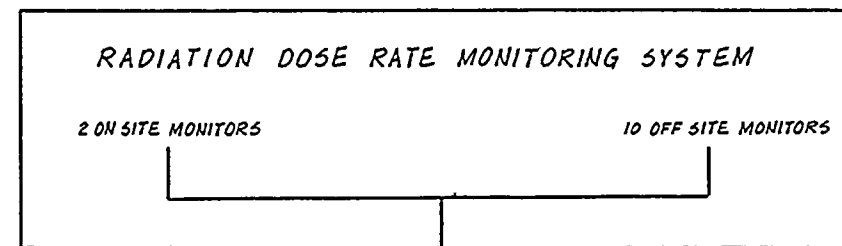
cc: John Hastings



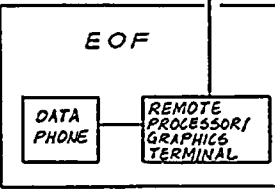
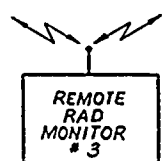
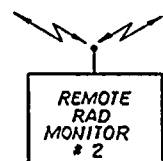
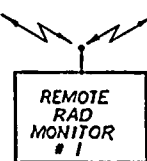
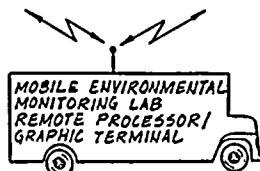


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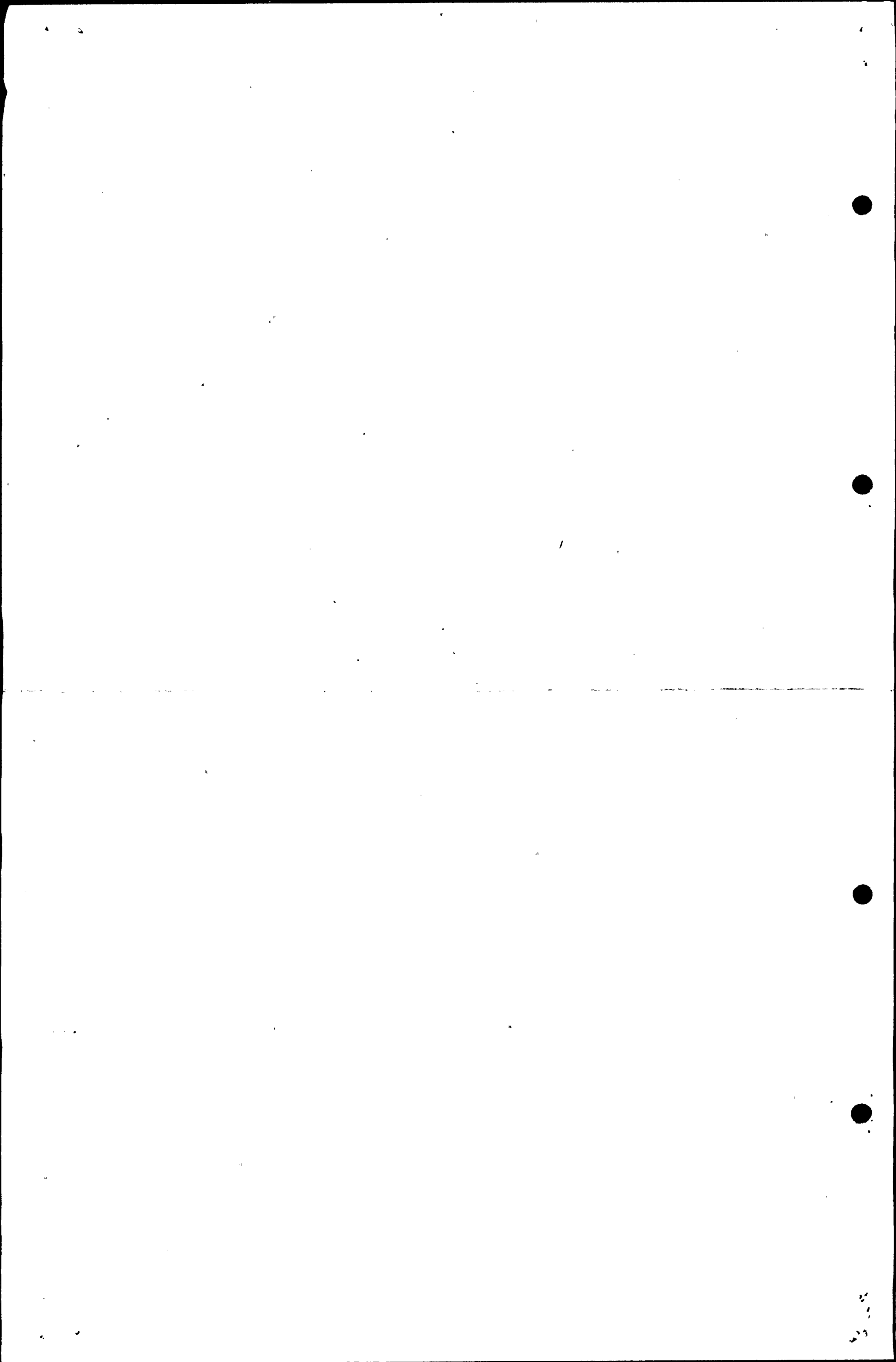


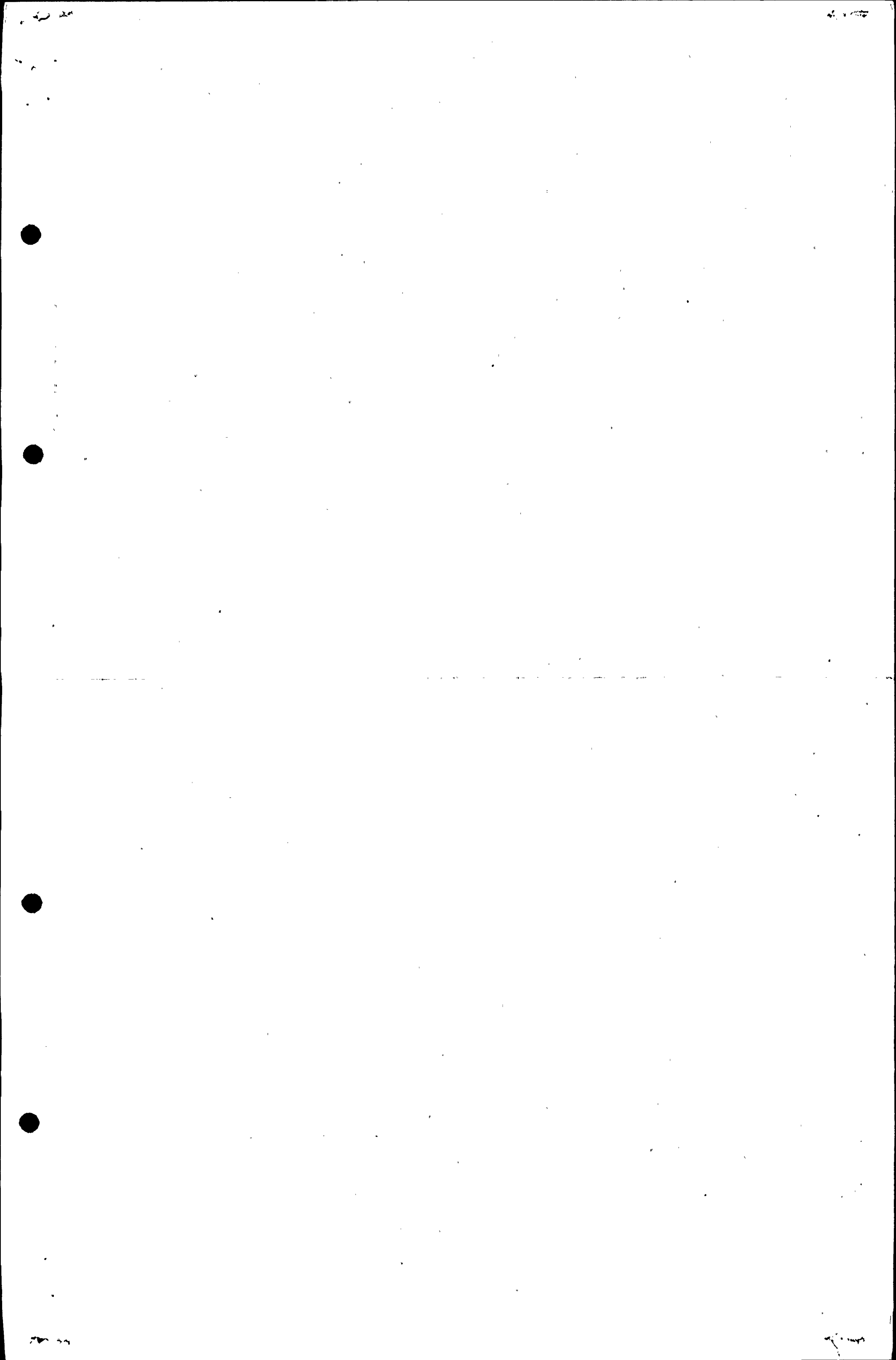
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EMERGENCY ASSESSEMENT & RESPONSE SYSTEM
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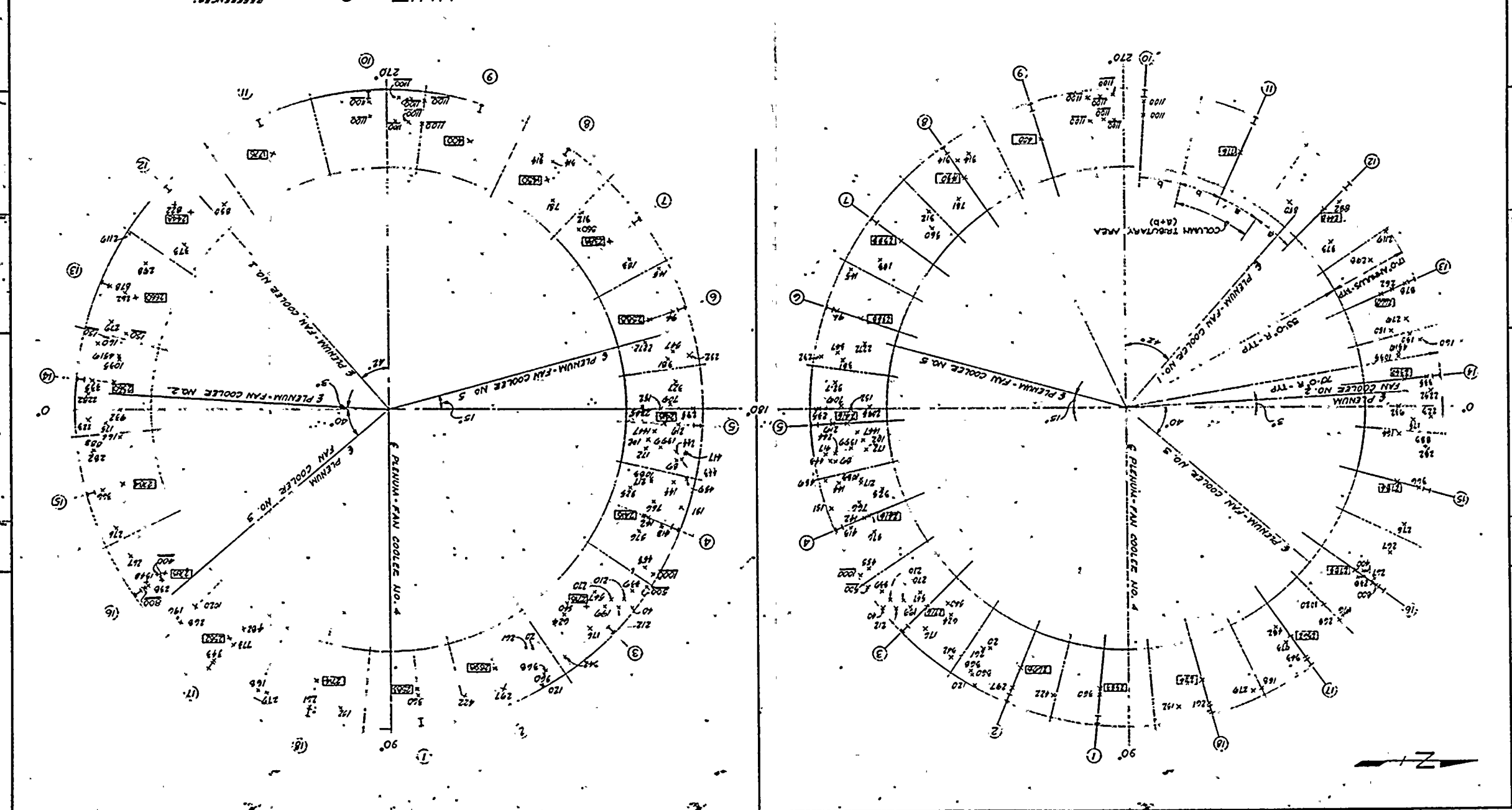


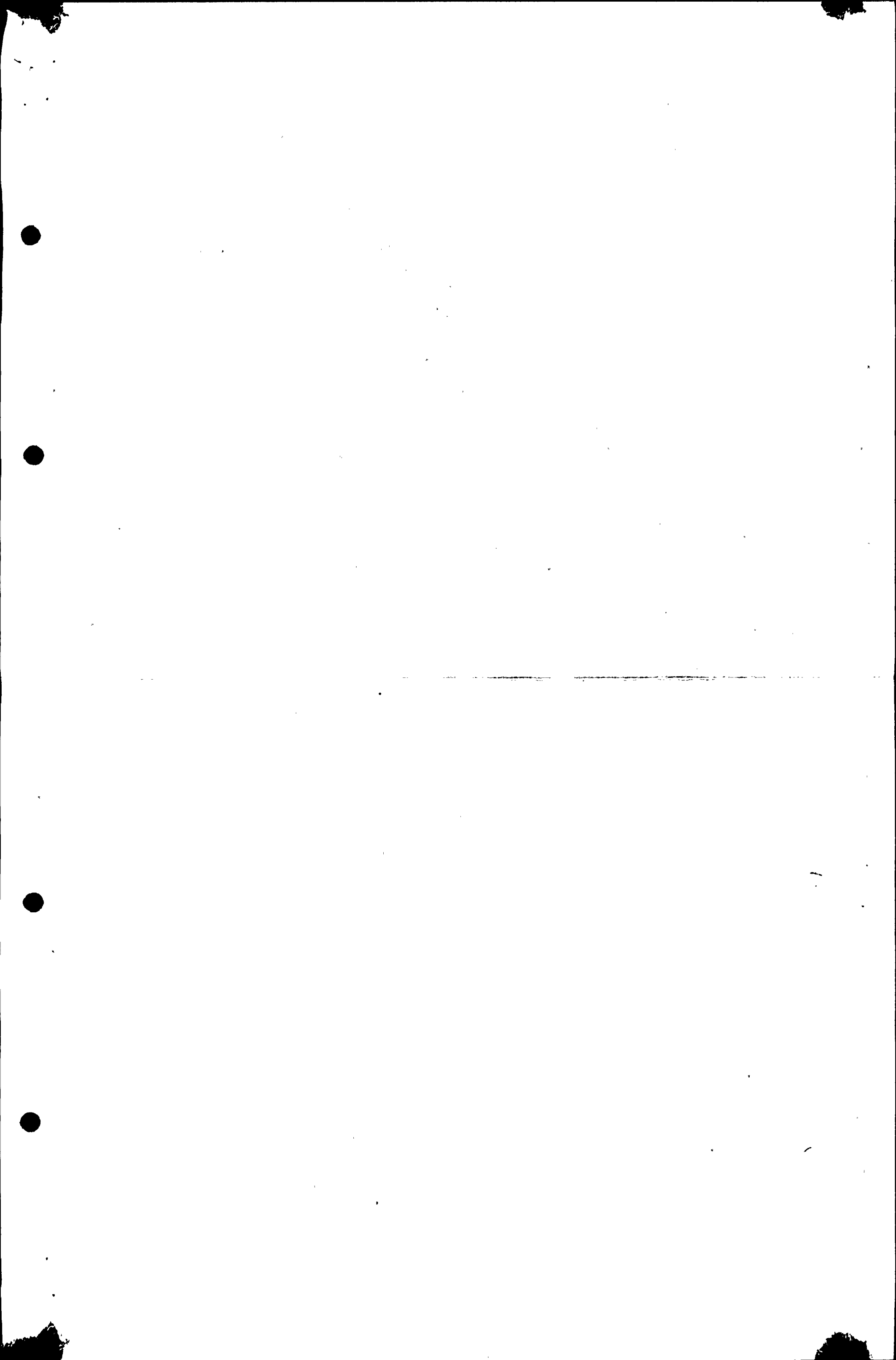
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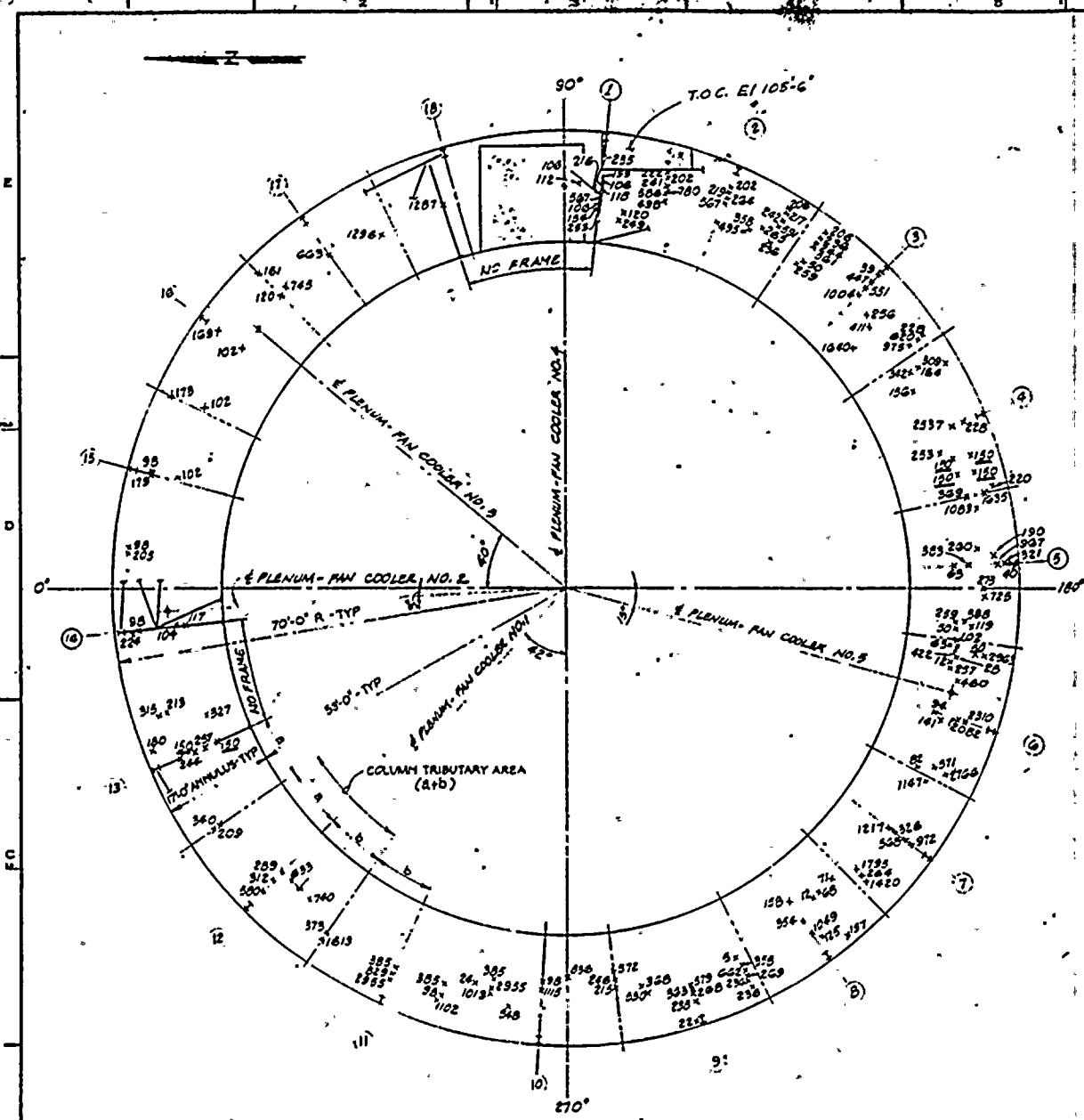
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MECH. SMALL BORE	0.9	0.7	1.2	1.1	0.2	1.1	0.2	1.1	0.5	0.6	0.4	0.1	0.2	1.0	0.7	0.3	1.0	0.4
ELECT. EQUIPMENT	9.9	8.6	11.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
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NOTES:
 A. POINT LOADS WITH CORRESPONDING SYMBOLS IN LBS. SHOWN ON THIS DWG. ARE LOADS AS FOLLOWS:
 1. LBS. BORE MECH. PIPES (SUPPORTS) 137
 2. MECHANICAL EQUIPMENT 3100 NUMBERS
 3. MECHANICAL PLATFORMS 212
 4. ARE
 5. VENTILATION DUCTS (EQUIP. 212)
 B. DISTRIBUTED LOADS IN TABLE IN PSF:
 1. SMALL BORE PIPES
 2. ELECTRICAL CONDUITS, TRAYS SUPPORTS
 3. STEEL FLOOR GROUTING
 4. AND EQUIPMENT
 5. STEEL FLOOR GROUTING
 6. LOADS SHOWN ARE REALISTIC VALUES BASED ON CURRENT CONFIGURATION

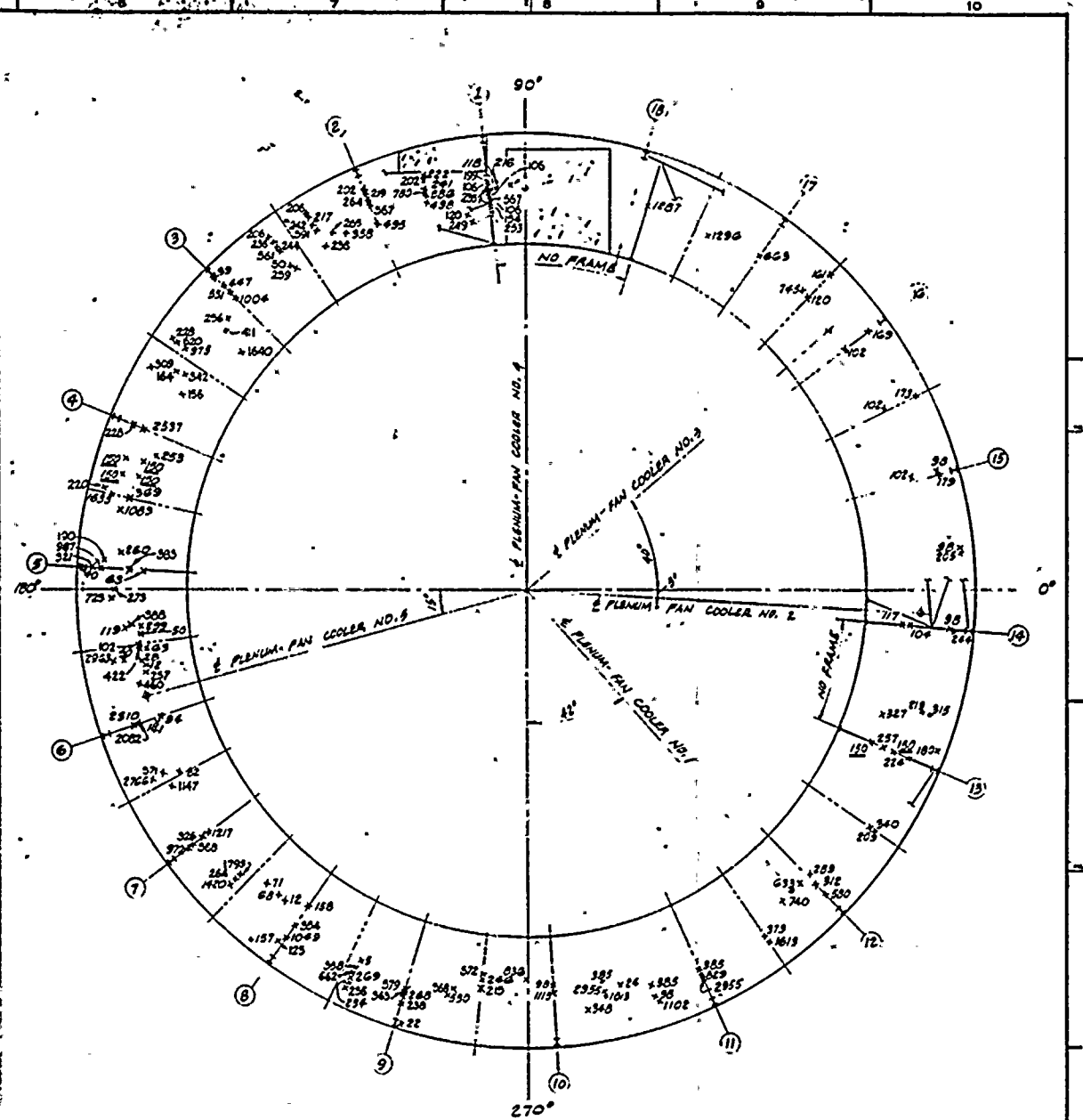
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UNIT 2
1/8" = 1'-0"

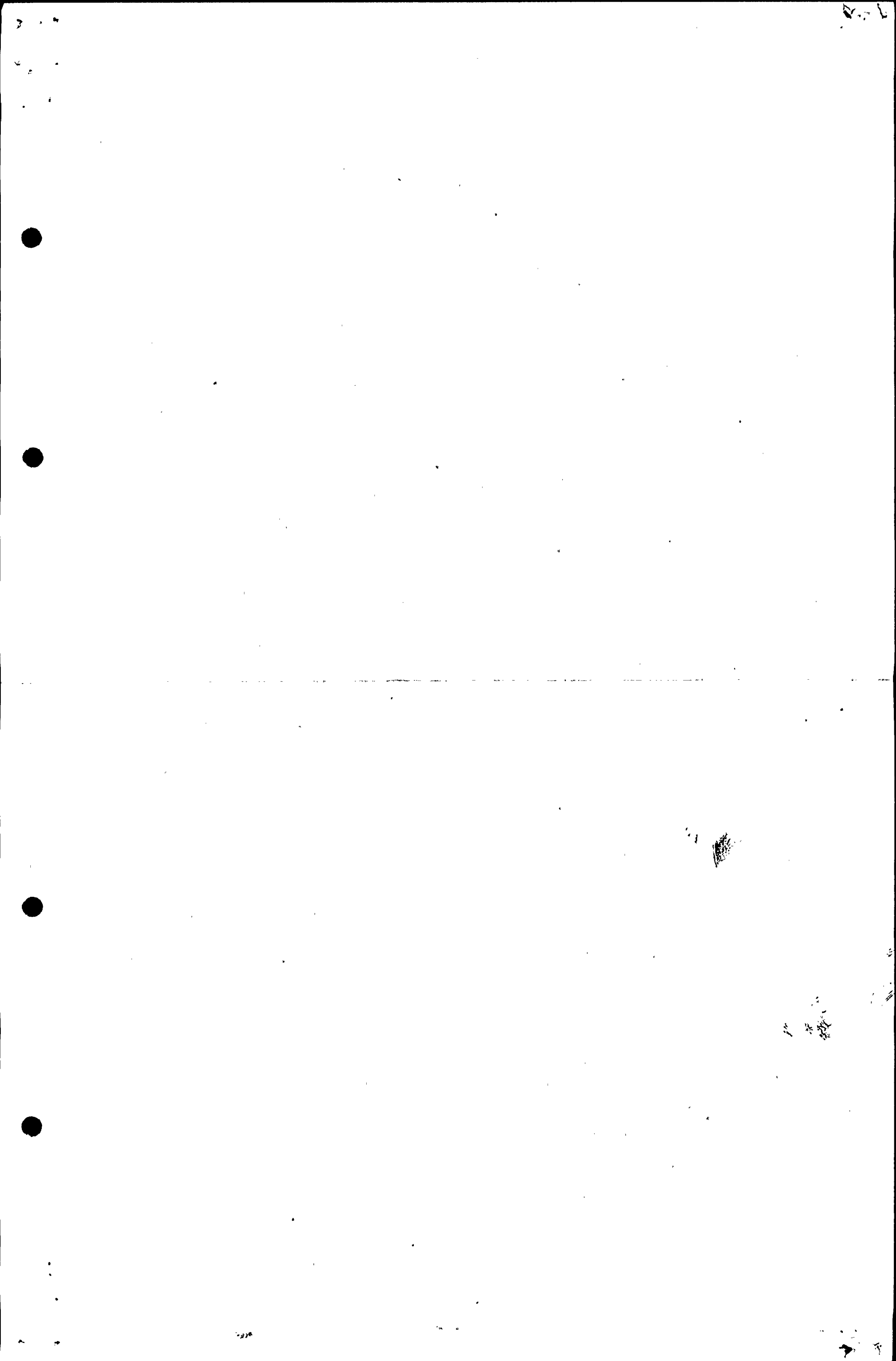
DEAD LOAD IN PSF

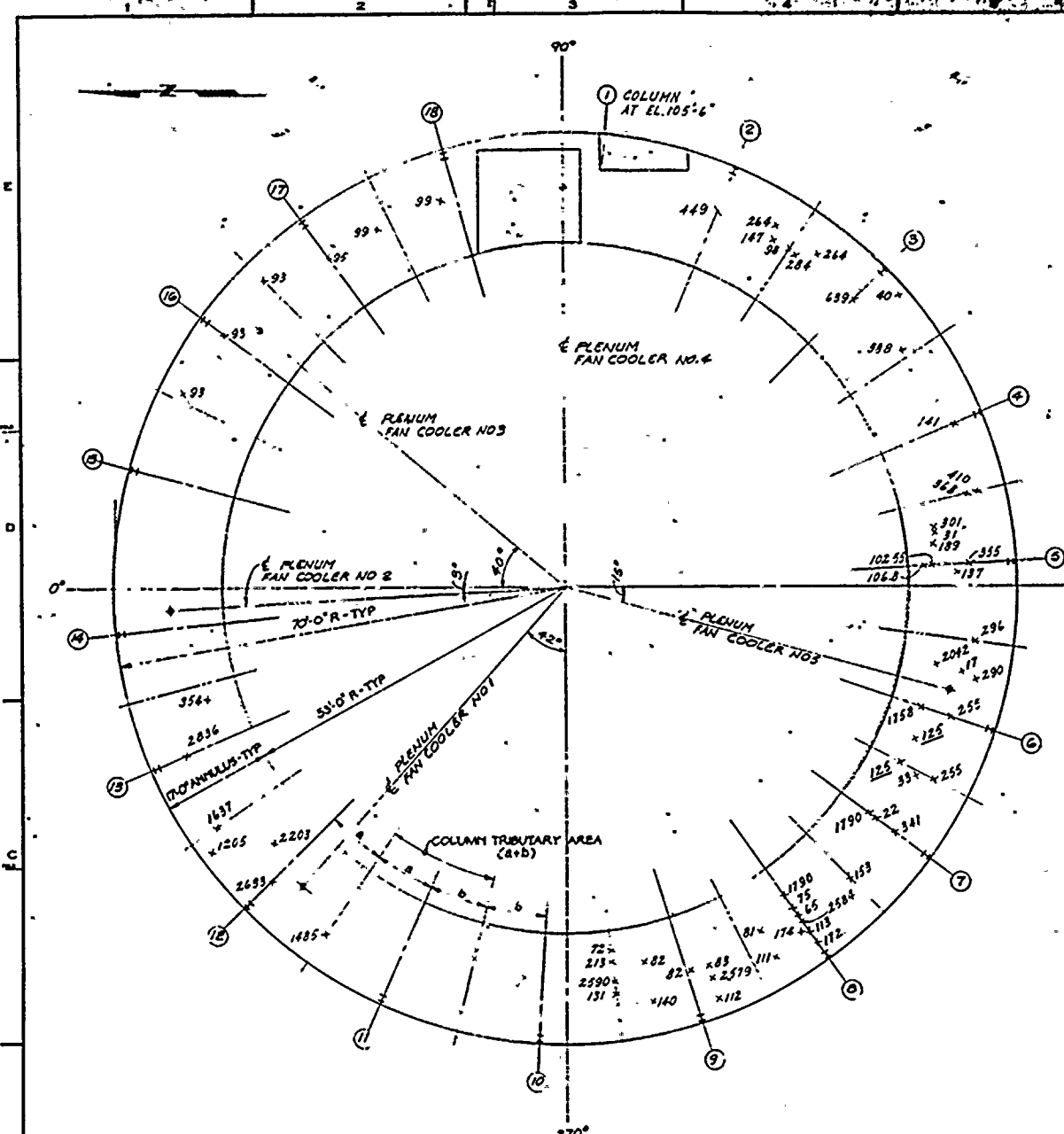
COLUMN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
COL. TRIBUTARY AREA	347	348	44	379	374	360	228	228	333	383	383	383	383	383	383	383	347	347
MECH. SMALL BORE PIPES	0.8	0.3	1.5	1.5	2.1	1.5	1.1	3.5	2.3	2.0	1.4	2.3	1.5	0.9	0.4	0.2	2.7	0.6
ELECT. CONDUITS TRAYS & EQUIPMENT							N	O	N	E								
GRATING							N	O	N	E								

- REFERENCES:
 ANNULUS PLATFORM EL. 140'±10 469855
 " " " 117 469856
 " HANGER FRAMES EL. 101 469858

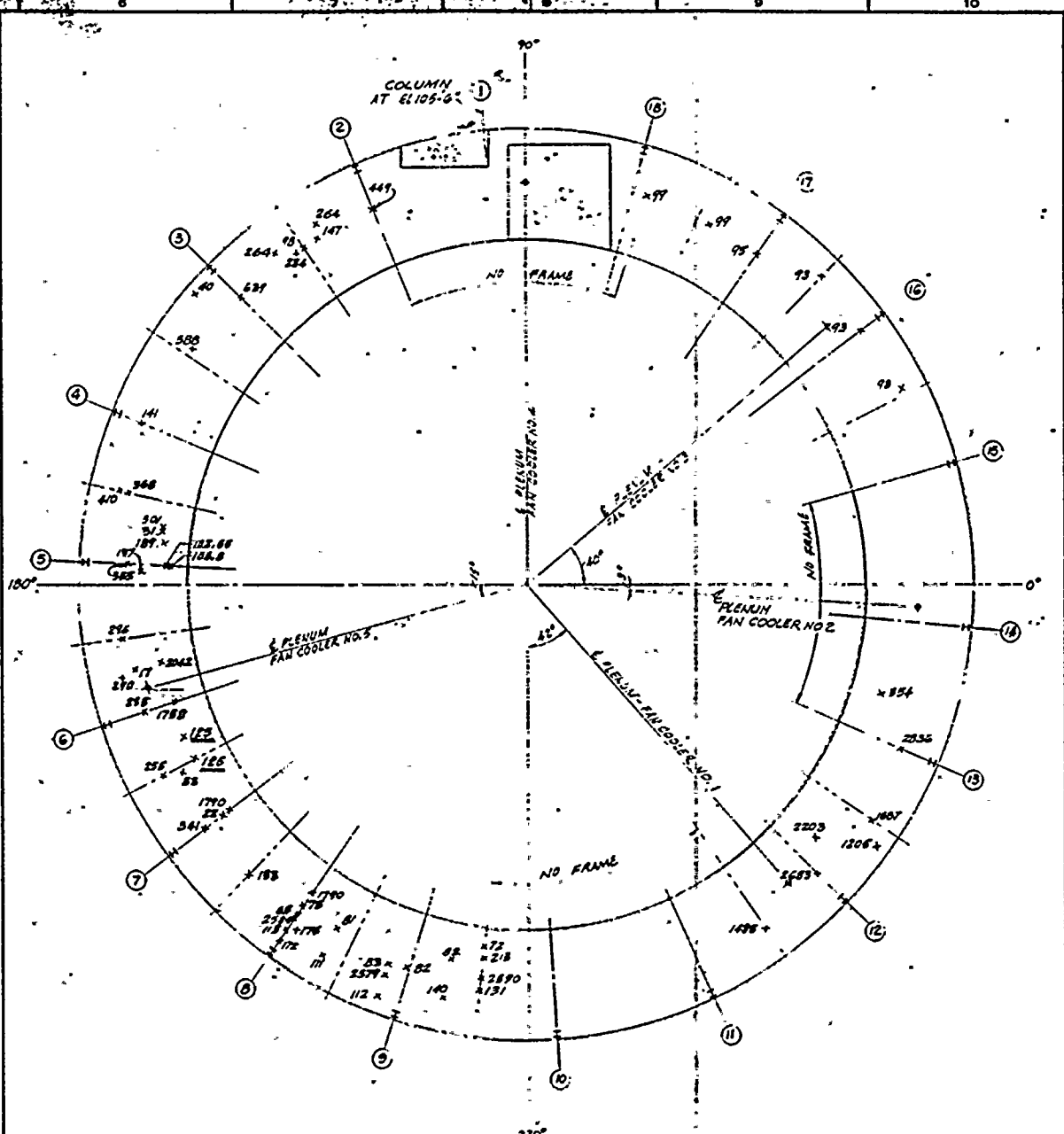
NOTE
 FOR NOTES SEE DRAWING 469855
 SHOWN ON THIS DWG ARE LOADS AS FOLLOWS
 1. POINT LOADS WITH CORRESPONDING SYMBOLS IN LBS
 2. LARGE BORE MECH. PIPES, PIPES & SUPPORTS 157 LBS
 3. MECHANICAL EQUIPMENT 600 LBS
 4. ARCHITECTURAL PLATFORMS 24 LBS
 5. VENTILATION DUCTS & EQUIPMENT 72 LBS
 DISTRIBUTED LOADS IN TABLE IN PSF
 6. SMALL BORE PIPES.
 LOADS SHOWN ARE REALISTIC VALUES BASED ON CURRENT CONFIGURATION

UNITS 1 & 2
 CIVIL - DEAD LOADS
 ANNULUS HANGER FRAMES EL. 104'
 CONTAINMENT STRUCTURE
 DIABLO CANTON
 DEPARTMENT OF ENGINEERING
 PACIFIC GAS AND ELECTRIC COMPANY
 SAN FRANCISCO, CALIFORNIA
 SHEET NO. 469357/3





UNIT 1
1/8" = 1'-0"



UNIT 2
1/8" = 1'-0"

DEAD LOAD IN PSF

COLUMN NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
COL. TRIBUTARY AREA (ft ²)	325	411	379	374	360	328	328	365	383	383	383	325	325	383	358	347	374	
MECH. SMALL BORE PIPE	2.7	3.7	3.6	3.2	4.1	4.5	3.8	2.1	1.7	2.6	2.8	2.7	3.9	1.9	2.1	2.1	1.5	
ELECT. CONDUITS TRAYS & EQUIPMENT					N	O	H	E										
GRATING					N	O	H	E										

REFERENCES:
ANNULUS PLATFORM EL. 106.150 469358
" 117 469356
" HANGER FRAMES EL. 106 469357

NOTE
SHOWN ON THIS DWG ARE LOADS AS FOLLOWS:
1. POINT LOADS WITH CORRESPONDING SYMBOLS IN LBS.
2. LARGE BORE MECH. PIPES & SUPPORTS LIST NO. NUMBERS
3. MECHANICAL EQUIPMENT 1000 NUMBERS
4. ARCHITECTURAL PLATFORMS 216 ARE
5. VENTILATION DUCTS & EQUIPMENT (72) EXAMPLES
6. DISTRIBUTED LOADS IN TABLE IN PSF:
A. SMALL BORE PIPES
LOADS SHOWN ARE REALISTIC VALUES BASED ON CURRENT CONFIGURATION

UNIT 1 & 2
CIVIL - DEAD LOADS
ANNULUS HANGER FRAMES EL 101
CONTAINMENT STRUCTURE
FIELD CANTON
PACIFIC GAS AND ELECTRIC COMPANY
SAN FRANCISCO, CALIFORNIA
469358

NO.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
1					
2					
3					

