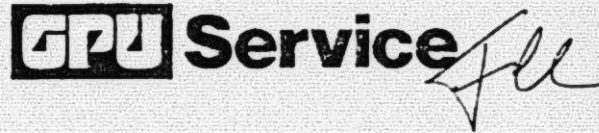


Inter-Office Memorandum

Date April 19, Time: 1000
Subject TMI/GPU Data Reduction & Management
Group Status Report #5
To Distribution



Location Trailer City & Island

Attached for your information is the TMI/GPU Data Reduction Management Group Status Report #5. The following information is included:

- GRAPH #1) TMI Unit #2 Reactor Building Temperature and Pressure (April 1 thru April 18)
- GRAPH #2) TMI Unit #2 Reactor Pressure and A Loop Temperature - Cold (April 1 thru April 18)
- GRAPH #3) TMI Unit #2 Letdown Temperature and Flow (April 1 thru April 18)
- GRAPH #4) TMI Unit #2 Six Highest T/C Readings (April 8 @1800 Hrs to April 18)
- GRAPH #5) TMI Unit #2 Once-Through Steam Generator (A) Level and Pressure (April 1 through April 18)
- GRAPH #6) TMI Unit #2 Once-Through Steam Generator (B) Level and Pressure (April 1 thru April 18)

The latest available Health Physics Survey results for the Aux. building(s) are attached. This section of the Status Report includes latest posted Health Physics data ("A" Tables) and actual dates and times when readings were recorded in new areas of the Auxiliary Building ("B" Tables).

Updates will be provided and distributed.

BL/zms

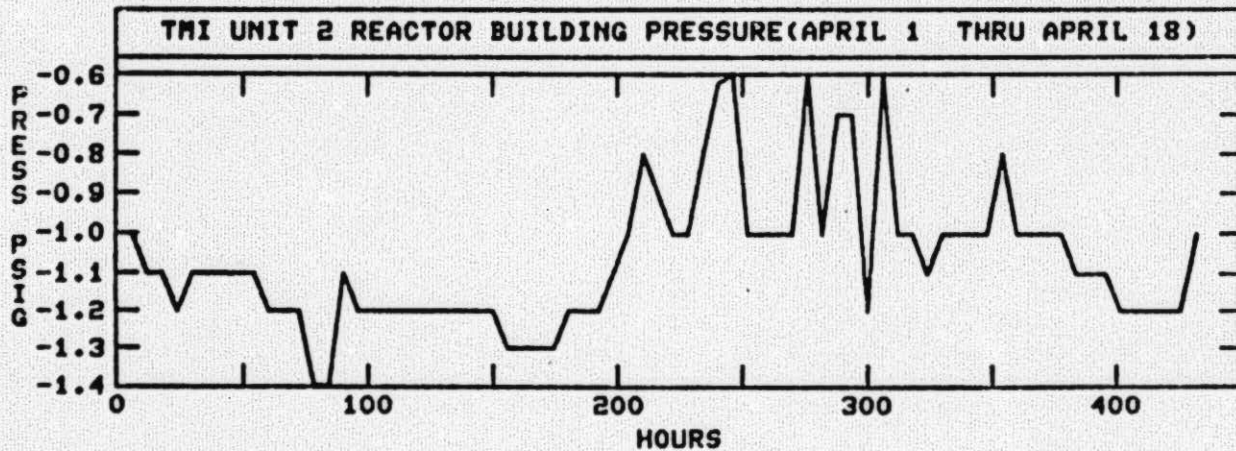
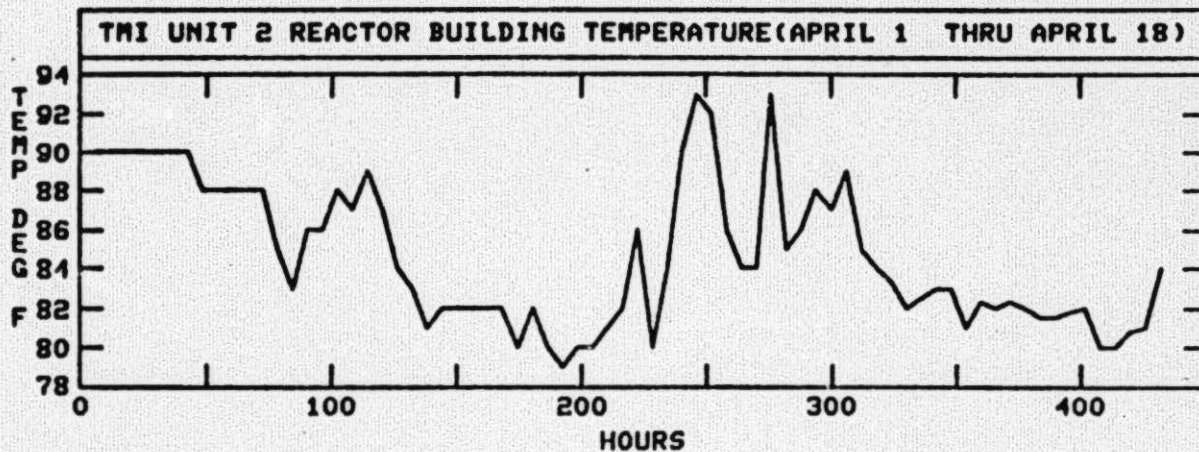
Distribution:

Trailer City Trailer: [REDACTED] Island:

# 8 NRC (I&E)	GPU Support
#11 GPU - Admin. Support	G. Miller Trailer
#14 GPU - Management	DRMG (GPU Trailer #8) 162 314
#19 GPU - GPU Assessment Group	Radwaste Management
#23 GPU - Management	Burns & Roe - Cobean
#26 B&W, Met-Ed Licensing	Met-Ed Management (J. Herbein)
#27 NRC (NRR)	

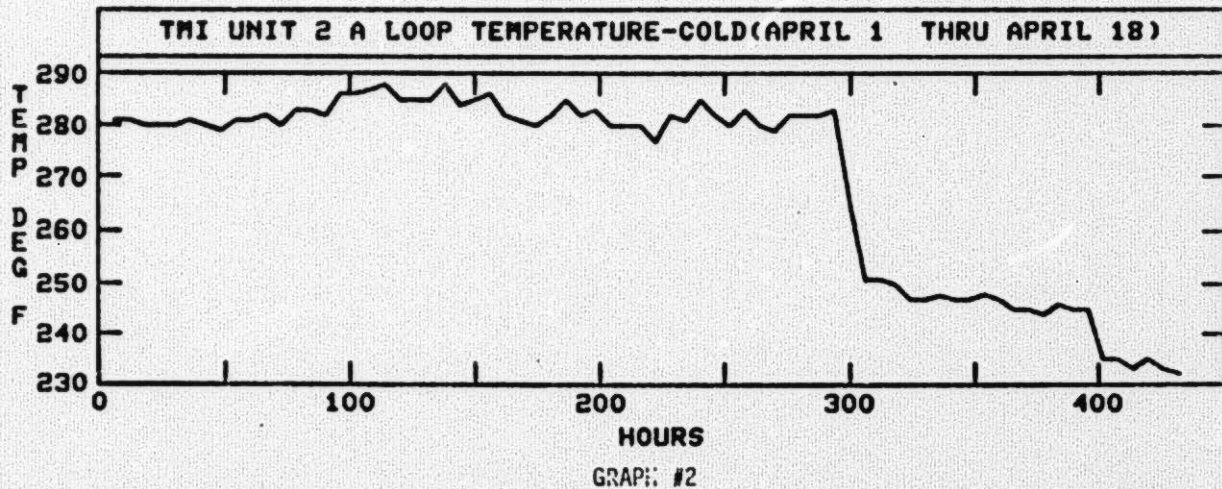
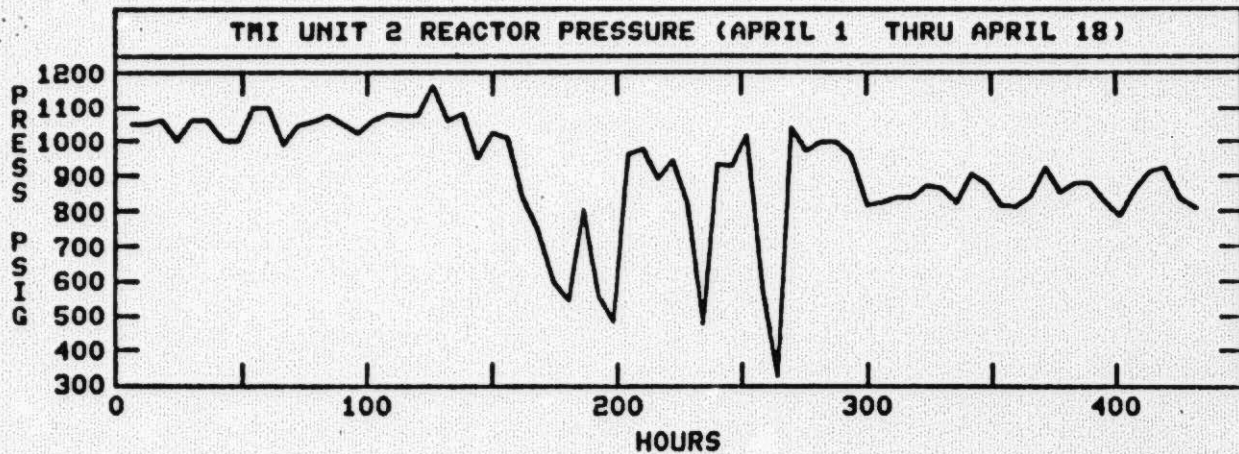
J. L. Weiser
DRMG

7905230030 P U

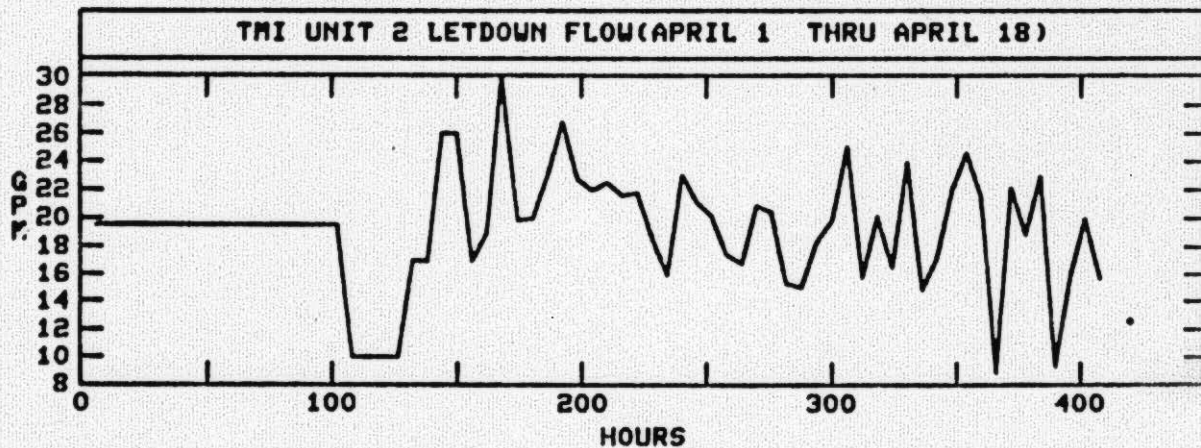
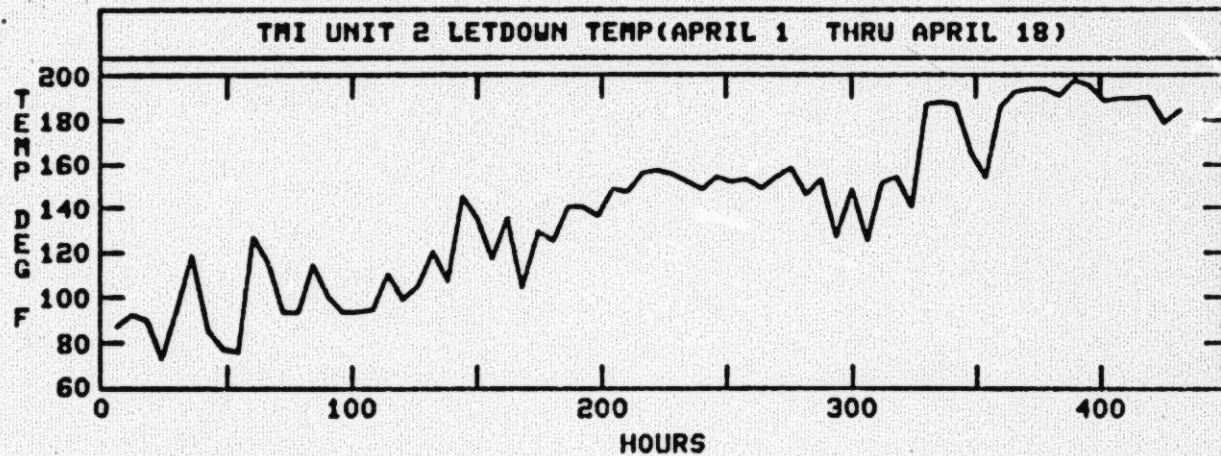


GRAP:1 #1

162 315



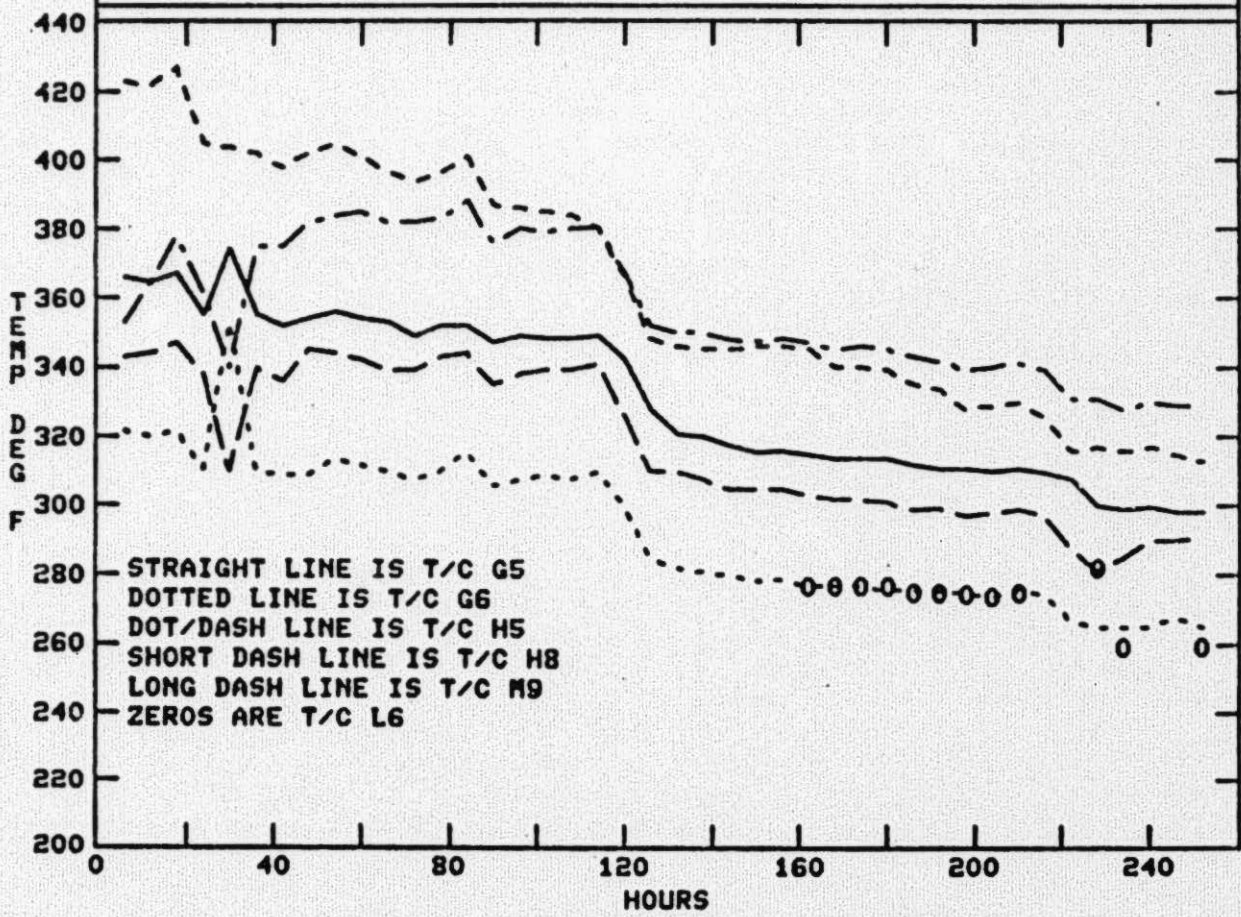
162 316



GRAPH #3

162 317

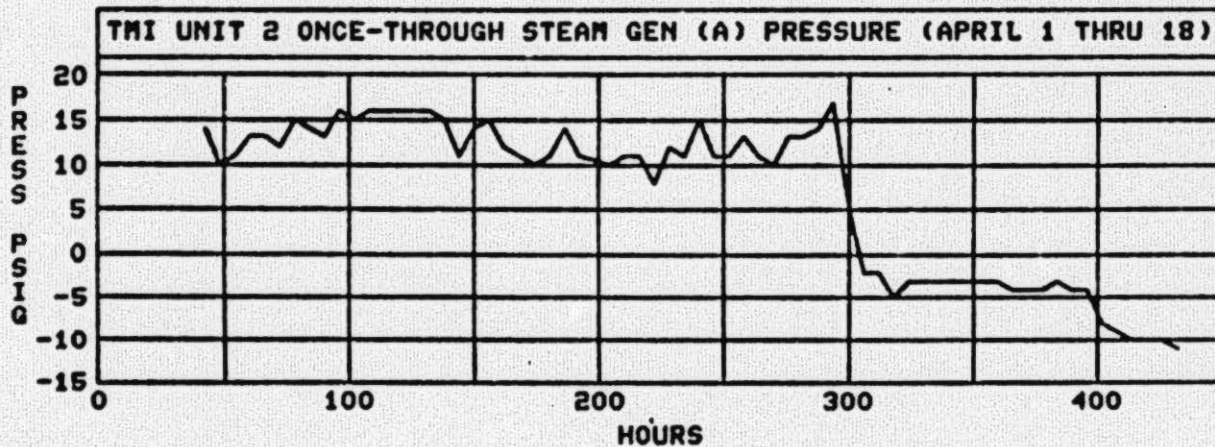
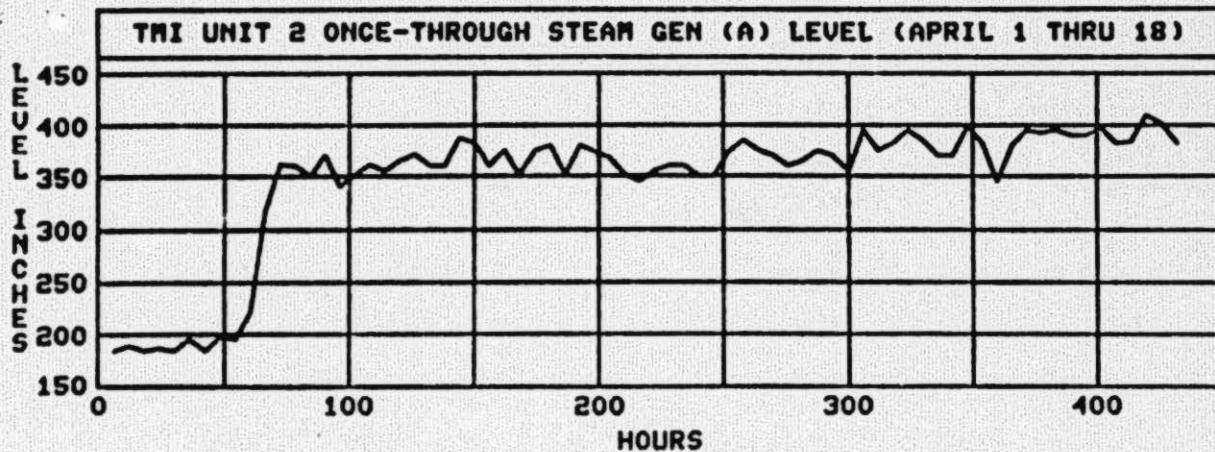
TMI UNIT 2 SIX HIGHEST T/C READINGS (APRIL 8 @1800HRS TO APRIL 18)



STRAIGHT LINE IS T/C G5
DOTTED LINE IS T/C G6
DOT/DASH LINE IS T/C H5
SHORT DASH LINE IS T/C H8
LONG DASH LINE IS T/C M9
ZEROS ARE T/C L6

CRAP1: #4

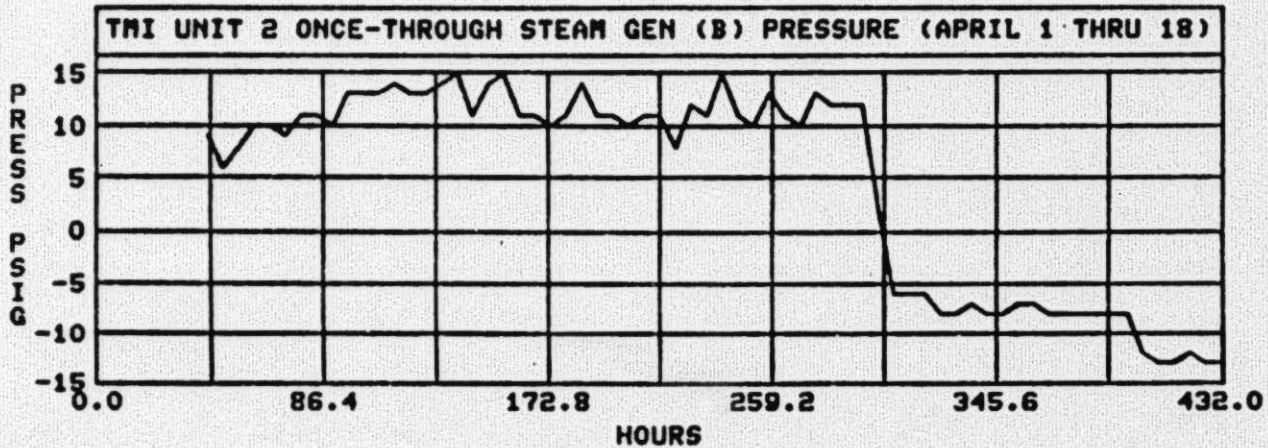
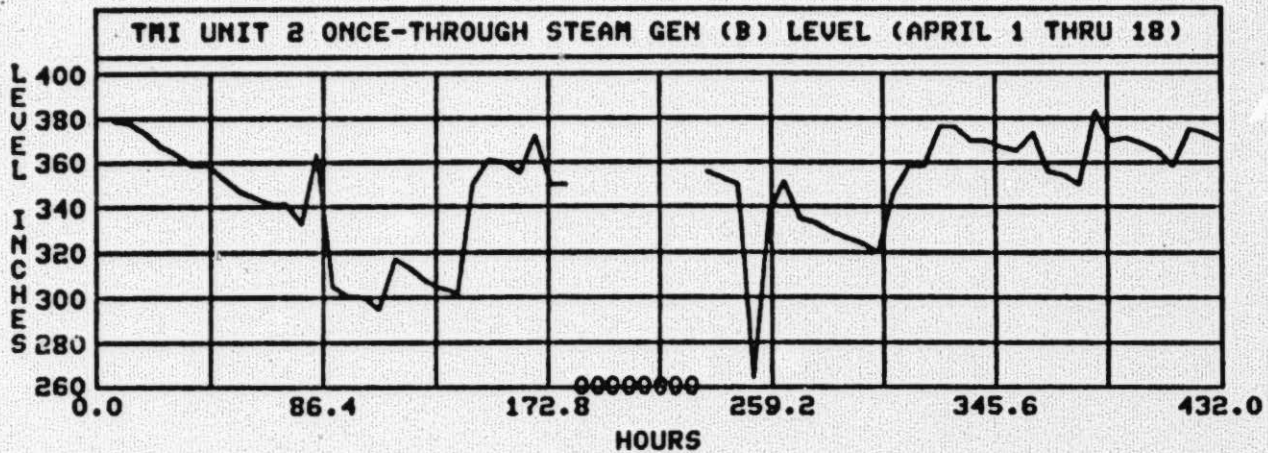
162 318



GRAPH #5

162 319

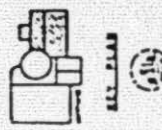
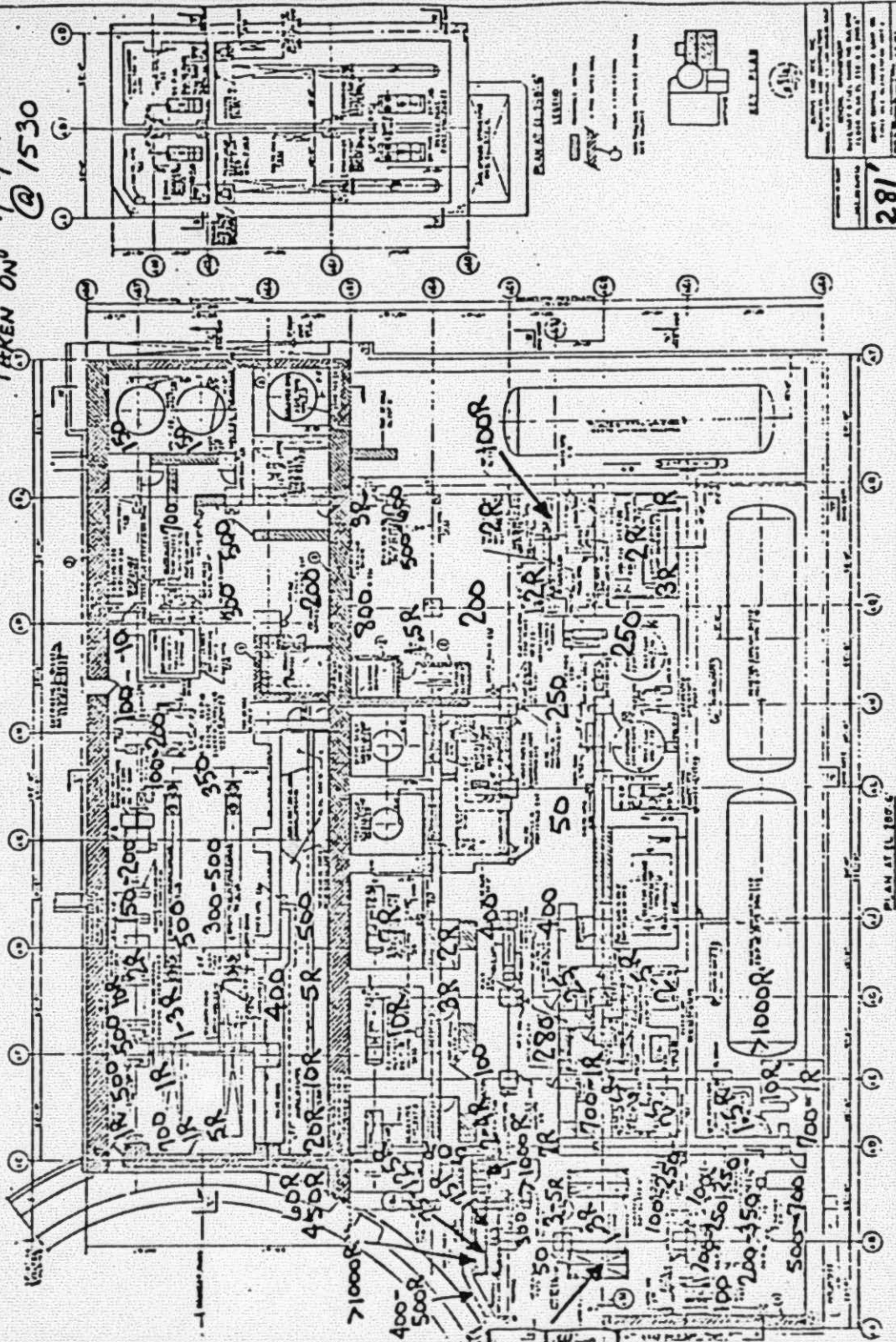
00000 - TIME INDICATOR OUT OF SERVICE



GRAPH #6

162 320

NOT ALL READINGS 4/14/79
TAKEN ON @ 1530



182

PLAN AT EL. 100.5

162 321

Top 100
INSIDE 15-20

162 321

TABLE 1A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 281' DWG #2065

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aA/a	61	0.1	4/14/79	1530
	63.5	0.5 - 0.7	4/06	1745
aB/a	60.2	0.5 - 0.7	4/14	1530
	60.5	0.2 - 0.35	4/14	1530
	60.7	0.1	4/14	1530
	61	0.1 - 0.25	4/14	1530
	61.4	0.1 - 0.25	4/14	1530
	61.6	0.5	4/08	1800
	62	0.1	4/14	1530
	62	1 - 3	4/14	1530
	62.5	0.05	4/14	1530
	63.2	0.3	4/14	1530
	63.5	> 1000	4/14	1530
	63.5	75 - 125	4/14	1530
	63.5	175	4/14	1530
	64	400 - 500	4/14	1530
65.2	450	4/14	1530	
aBa/a	64.5	1.75	4/04	1800
aC/a	63.5	> 1000	4/14	1530
	66	60	4/14	1530
	66.5	1 - 5	4/14	1530
	67	0.19	4/07	1800
aD/a	60	10	4/14	1530
	60.8	1.5	4/14	1530
	61	0.25	4/08	1800
	62	25 - 65	4/14	1530
	62.8	3 - 5 - 7	4/14	1530
	63	2 - 4	4/14	1530
	64	50	4/14	1530
	67.5	1	4/14	1530
aD-aE/a	60	0.7 - 1.0	4/14	1530
	66.8	0.7 - 1.0	4/14	1530
aD-aJ/a	65.8	20- 10 - 5	4/14	1530
aE/a	62.8	50	4/08	1800
	63	50	4/08	1800
	63.2	0.1	4/14	1530
	66.5	1 - 3	4/14	1530

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

162 322

TABLE 1A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 281' DWG #2065

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aE-aG/a	66.5	1 - 3	4/14/79	1530
	67.2	7 - 10	4/14	1530
aF/a	67.8	0.5	4/14	1530
aG/a	60.5	> 1000	4/14	1530
	61.5	2 - 5	4/14	1530
	62 b	0.28	4/14	1530
	62.2	0.025	4/14	1530
	63	0.4	4/14	1530
	63.6	3 - 2	4/14	1530
	64.5	10	4/14	1530
	66	04	4/14	1530
	67.5	2	4/14	1530
aH/a	66.5	0.3 - 0.5	4/14	1530
	67	2	4/14	1530
aJ/a	60.5	10	3/31	1800
	62 b	0.4	4/14	1530
	63.3	0.4	4/14	1530
	64.5	7	4/14	1530
	65.8	0.5	4/14	1530
	66.7	0.5	4/14	1530
	67.5	0.15 - 0.20	4/14	1530
aK/a	62.b	0.05	4/14	1530
	67.4	0.7	4/09	0930
aL/a	61.2	0.15	3/31	1800
	62 b	0.05	4/14	1530
	65.5	0.05	4/06	1745
	66.5	0.3	4/06	1745
aM/a	66.5	0.35	4/14	1530
	66.8	0.1 - 0.2	4/14	1530
aN/a	62 b	0.25	4/14	1530
	63.5	0.2	4/09	0930
	64.5	1.5	4/09	0930
	66	0.2	4/06	1745
	67.5	0.1	4/14	1530

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

162 323

TABLE 1A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

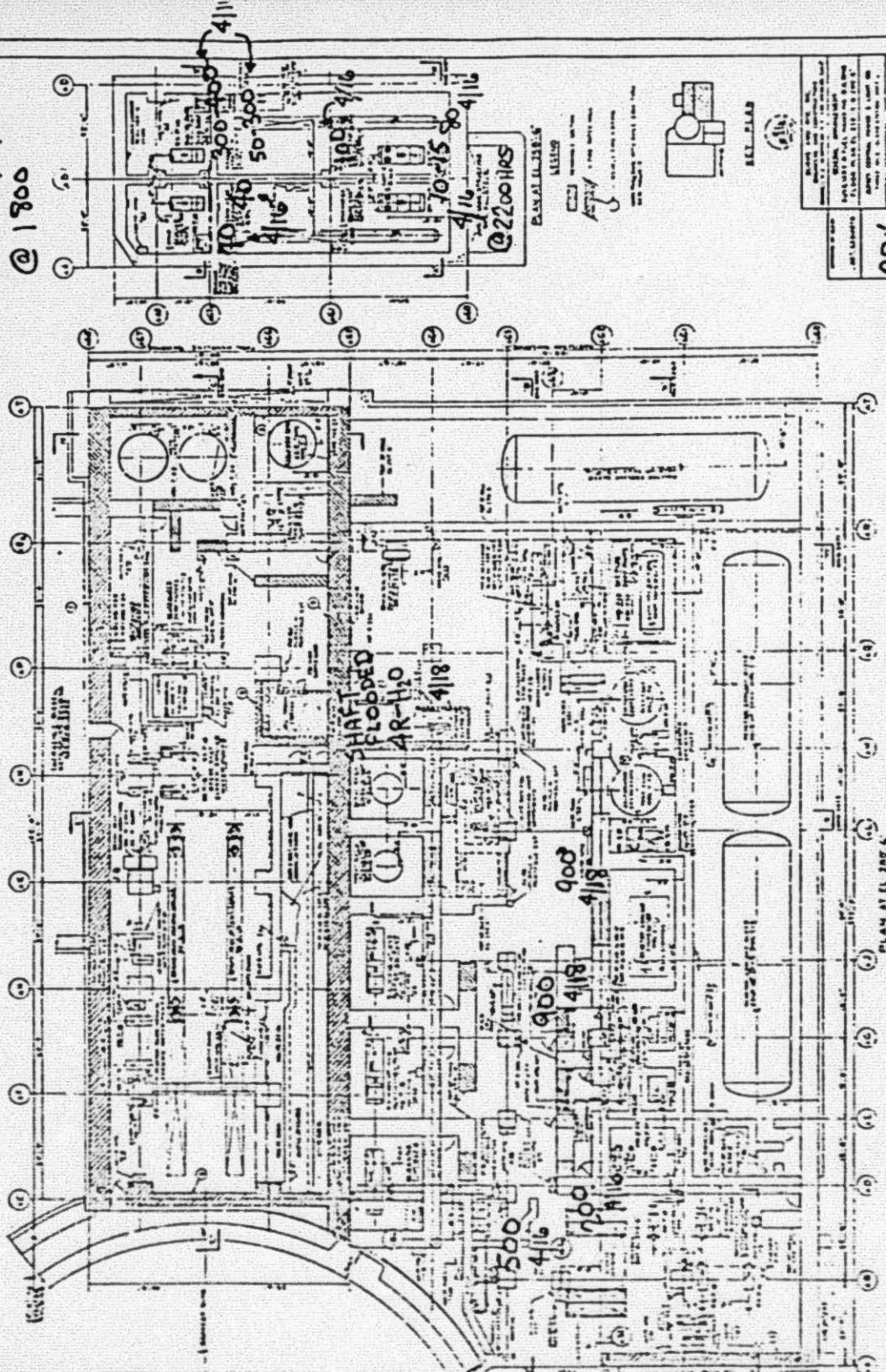
El. 281' DWG #2065

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aP/a	66.5	0.02	4/04/79	1800
	66.8	0.7	4/14	1530
aQ/a	61.6	0.25	4/14	1530
	62 b	1.2	4/14	1530
	62.2	0.25	4/09	0930
	63	1.2	4/14	1530
	63.8	0.2	4/14	1530
	64.5	1.5	4/14	1530
	65	0.8	4/14	1530
	65.2	0.2	4/14	1530
	66.2	0.3	4/14	1530
aQa/a	65.8	0.01	4/06	1745
	67.2	0.06	3/31	1800
aQ-aR/a	61.5	3 - 2 - 1	4/14	1530
	62.2	0.15	4/06	1745
aR/a	63	100	4/14	1530
	63	2	4/14	1530
	64	3	4/04	1800
	64.3	0.5 - 0.6	4/14	1530
	64.5	3	4/14	1530
	66.3	0.5	4/14	1530
	66.5	0.7	4/14	1530
	67.2	0.15	4/14	1530
	aT/a	66.5	0.15	4/14

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

162 524

REC'D 4/18/79
@ 1800



PLAN AT 1/8\"/>



SEE PLAN



NO. 1000	DATE 4/18/79
BY [Signature]	SCALE 1/8\"/>
CHECKED [Signature]	PROJECT [Signature]
APPROVED [Signature]	DATE 4/18/79

181

162 525

TABLE 1B

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 258' & 281' DWG #2065

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE OF ACTUAL READING</u>	<u>TIME OF ACTUAL READING</u>
El. 258'	aA/a 60.2	0.010-0.015	4/16/79	2200
	61.8	0.04	4/16	-
	61.9	0.07	4/16	-
	aB/a 60.2	0.08	4/16	-
	60.9	0.1	4/16	-
	61.7	0.050-0.300	4/16	-
	62 _a	0.3 - 0.4	4/16	-
El. 281'	aB/a 63	0.5	4/16	-
	aD/a 62.2	0.2	4/16	-
	aH/a 62.6	0.9	4/18	-
	aK/a 62.4	0.9	4/18	-
	aN/a 64.5	4.0 (shaft flooded)	4/18	-

NOT ALL READINGS
TAKEN ON

4 | 14 | 79
@ 1530

SMEAR BASED
ON
100 CM²
2.4 X 10.6 CM

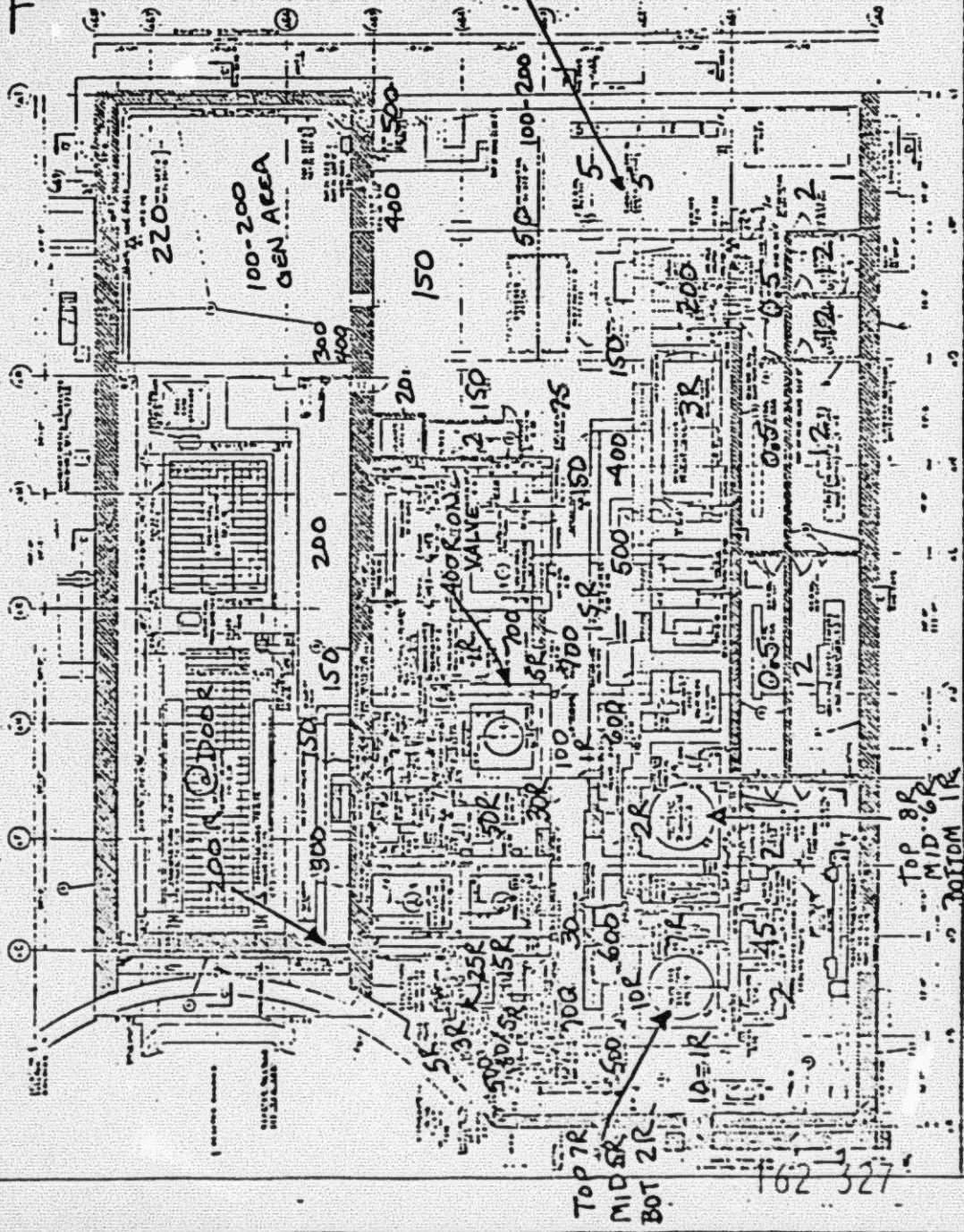


LET 2113



PROJECT NO.	DATE
STATION	TIME
OPERATOR	ANALYST
LABORATORY	INSTRUMENT
REMARKS	

305



162 327

TABLE 2A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 305' DWG #2066

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aA/a	61.5	0.01 - 0.012	4/14/79	1530
	62	0.5	4/14	1530
	64 ^a	0.09	4/04	1800
	65	10	4/06	1745
aBa	60.2	0.006	4/07	1810
	60.5	0.002	4/14	1530
	61.5	7 - 5 - 2	4/14	1530
	62	10	4/14	1530
	63	0.7	4/14	1530
	63.5	1.5	4/14	1530
	63.8	0.18 - 0.5	4/14	1530
	64	0.5 - 1.0	4/6	1745
	64	25 (above HPR-227)	4/14	1530
	64.5	5	4/14	1530
	65	1.5	4/09	0930
aC/a	61.5	8 - 6 - 1	4/14	1530
	64	3	4/14	1530
	65.5	200	4/14	1530
	68	0.04 - 0.06	4/06	1745
	68	0.095 - 0.11	4/06	1745
	68	0.003 - 0.02	4/06	1745
aD/a	60.8	0.045	4/14	1530
	61.5	7	4/14	1530
	62.5	0.6	4/14	1530
	63	0.03	4/14	1530
	63.5	15	4/14	1530
aE/a	60.5	0.002	4/14	1530
	61.5	2	4/09	0930
	62	2	4/14	1530
	63	50 - 100	4/06	1745
	63.6	50	4/14	1530
	66	0.3	4/14	1530
aG/a	61.5	30	3/30	2100
	62.5	0.1	4/14	1530
	62.5	0.6	4/14	1530
	63	30	4/14	1530
	66	1	4/04	1800

162 328

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

TABLE 2A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 305' DWG #2066

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aH/a	65.5	0.15	4/14/79	1530
aJ/a	60.3	0.012	4/14	1530
	60.75	0.0005	4/14	1530
	61.5	2.3	4/06	1745
	62 _b	0.7	4/14	1530
	62 _b	1.0	4/14	1530
	62.6	1.5	4/08	1800
	63	5	4/14	1530
	63.2	0.7	4/14	1530
	63.5	400	4/14	1530
	63.9	1	4/14	1530
	65.4	0.15	4/14	1530
aK/a	64.5	0.1	4/06	1745
aL/a	61.5	1.25	4/06	1745
	62 _b	1.5	4/14	1530
	62.5	0.5	4/14	1530
	65.5	0.2	4/14	1530
aN/a	60.3	0.012	4/14	1530
	60.75	0.0005	4/14	1530
	62	0.4	4/14	1530
	62.6	0.15	4/14	1530
	62.8	0.075	4/14	1530
	64	0.002	4/14	1530
	64.5	0.02	4/14	1530
aQ/a	60.2	0.012	4/14	1530
	61.8	3	4/14	1530
	62	0.15	4/14	1530
	63	0.1 - 0.2	4/09	0930
	63.8	0.15	4/14	1530
	65.5	0.3 - 0.4	4/14	1530
aQ-aR/a	64.5	0.15	4/14	1530

162 329

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

TABLE 2A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 305' DWG #2066

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aR/a	60.2	0.012	4/14/79	1530
	60.5	0.002 - 0.001	4/14	1530
	60.5	0.0005	4/14	1530
	61	0.05	4/08	1800
	61.5	0.2	4/14	1530
	62.5	0.005	4/14	1530
	63.5	0.05	4/14	1530
	65	0.4	4/14	1530
	66.5	0.1 - 0.2	4/14	1530
aT/a	62.5	0.005	4/14	1530
	63.2	0.1 - 0.2	4/14	1530
	64.8	0.5	4/14	1530
	65.2	0.5	4/06	1745
	66	3	3/30	2100

162 330

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

Rec'd 4/18/79
@ 1800

41192
41193
41194
41195
41196
41197
41198
41199
41200

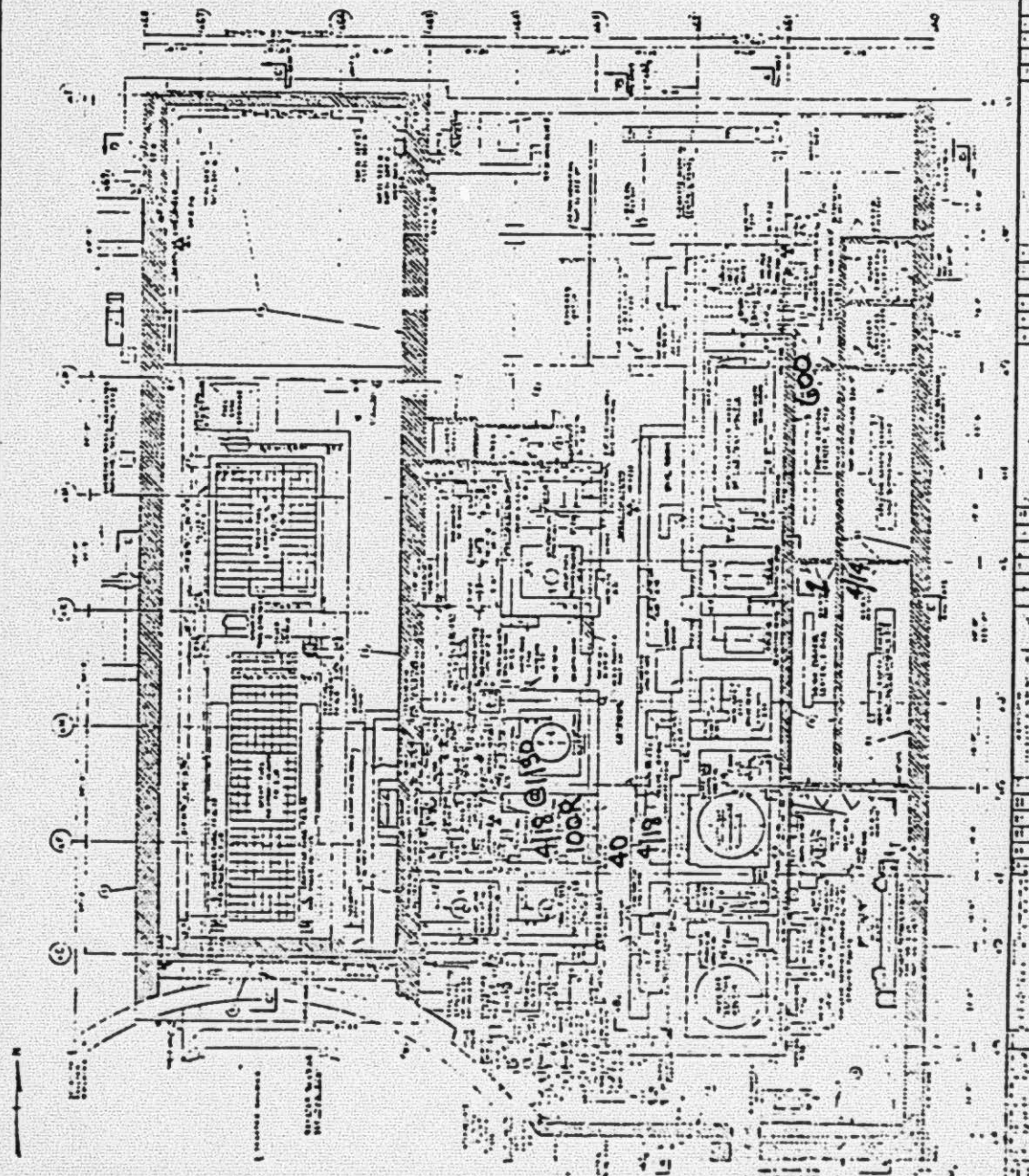


ALL DATA

5/18

PROJECT NO.	41192
DATE	5/18/79
BY	...
CHECKED BY	...
APPROVED BY	...
SCALE	...

305'



162 331

TABLE 2B

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 305' DWG #2066

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE OF ACTUAL READING</u>	<u>TIME OF ACTUAL READING</u>
aE/a	62.7	0.04	4/18/79	-
	63.2	100	4/18	1130
aL/a	60.8	0.001	4/14	-
aQ/a	60.9	0.6	-	-

162 332

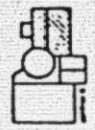
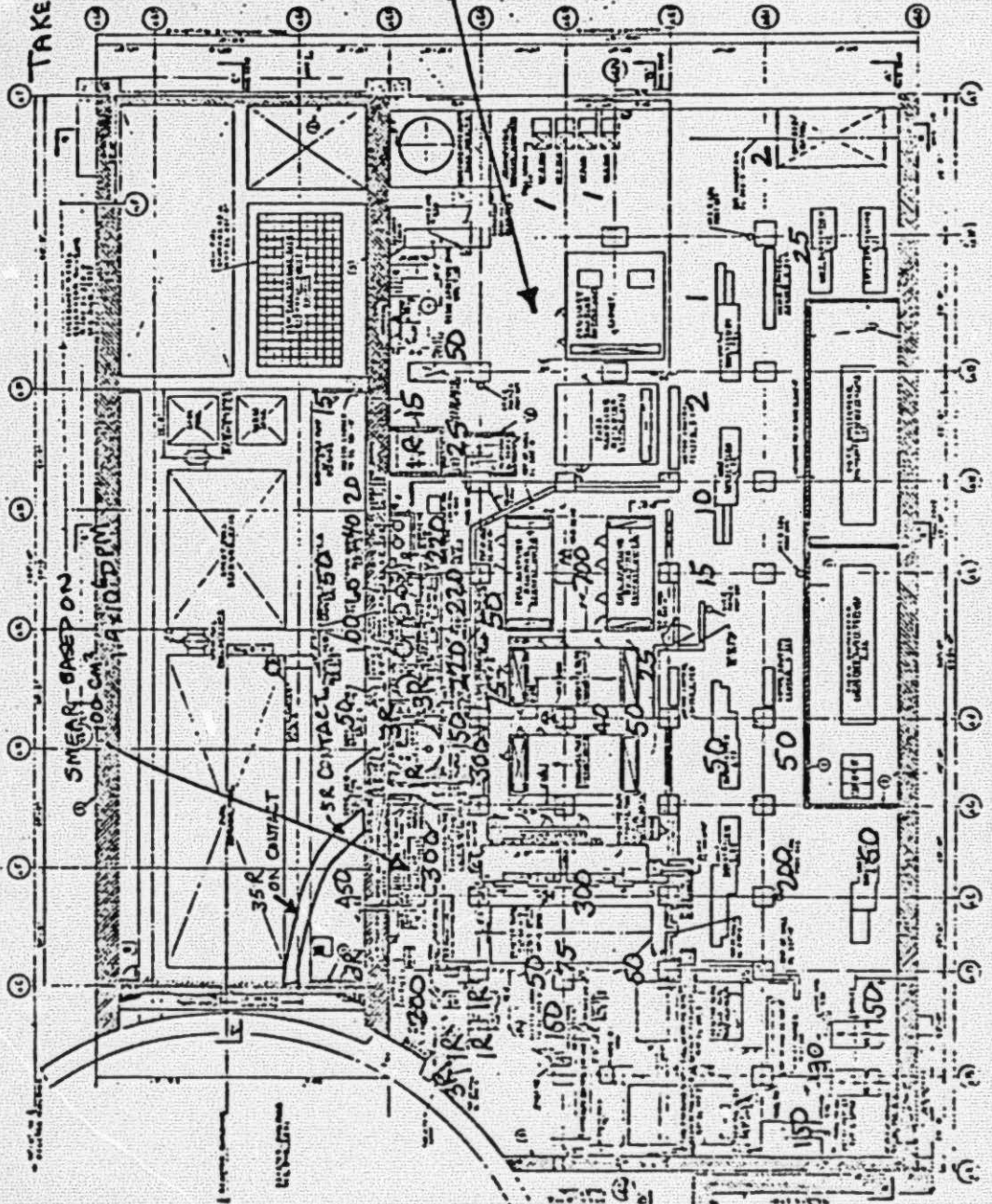
NOT ALL READINGS GENERAL NOISES

TAKEN ON

9/14/79

@ 1530

SMEAR BASED ON 100 CM² 1.7 x 10⁷ DPM



ALL FILES

328
 1.7 x 10⁷ DPM
 100 CM²
 9/14/79
 @ 1530

TABLE 3A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

El. 328' DWG #2067

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aB/a	60.5	0.15	4/14/79	1530
	60.7	0.15	4/14	1530
	60.8	0.03	4/14	1530
	63.5	0.15	4/14	1530
	64.2	1.0	4/14	1530
	64.3	3.0	4/14	1530
	64.5	0.2	4/14	1530
aC/a	65.5	3.0	4/14	1530
	65.5	2.0	4/04	1800
aD/a	62.4	0.05	4/14	1530
	62.8	0.05 - 0.075	4/14	1530
	64	0.05	4/09	0930
	64.3	1.0	4/14	1530
	64.7	0.3	4/14	1530
aE/a	60.5	0.05	4/14	1530
	60.8	0.20	4/14	1530
	62 _b	0.30	4/14	1530
	64.5	1.0	4/04	1800
	64.9	0.1	4/09	0930
	65.3	0.45	4/14	1530
	66	40	4/18	-
aG/a	64	0.3	4/14	1530
	64.4	0.3	4/14	1530
	65.4	5.0	4/14	1530
aJ/a	60.8	0.05	4/14	1530
	62	0.05	4/14	1530
	62.2	0.025	4/14	1530
	62 _b	0.04 - 0.05	4/14	1530
	63 _b	0.17	4/09	0930
	63.6	0.2	4/18	-
	64.2	3.0	4/14	1530
	64.3	0.15	4/14	1530
	64.5	1 - 3	4/14	1530
	64.8	3.0	4/04	1800
aJ-aL/a	63.9	0.075 - 0.05	4/14	1530

162 334

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

TABLE 3A

TMI-2 Radiation Survey/Aux. & Fuel Handling Building

E1. 328' DWG #2067

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE READING OBTAINED*</u>	<u>TIME*</u>
aK/a	64.5	45	4/14/79	1530
	65.2	0.05	4/14	1530
aL/a	61.5	0.015	4/14	1530
	61.8	0.015	4/14	1530
	62.8	0.7	4/14	1530
	64	0.2	4/18	-
aL-aN/a	65.3	0.06 - 0.05 - 0.04	4/14	1530
aM-aP/a	65.5	0.03	4/18	-
aN/a	61.8	0.01	4/14	1530
	62.6	0.001	4/07	1810
	63.2	0.03	4/07	1810
	64	0.005	4/07	1810
	64.2	0.025	4/14	1530
	64.6	1.0	4/14	1530
aQ/a	61.8	0.002	4/14	1530
	63.4	0.15	4/04	1800
	63.8	0.015	4/14	1530
	64.8	0.05	4/14	1530
aR/a	61	0.025	4/14	1530
	61.8	0.001	4/14	1530
	62.2	0.02	4/09	0930
	62.5	0.002	4/07	1810
	63.4	0.01	4/09	0930
aT/a	60.5	0.001	4/14	1530
	62.8	0.001	4/14	1530
	63	0.001	4/14	1530

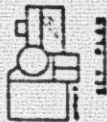
162 335

Note: * Latest Posted HP Data. Actual dates and times of readings are not available.

GENERAL NOTES

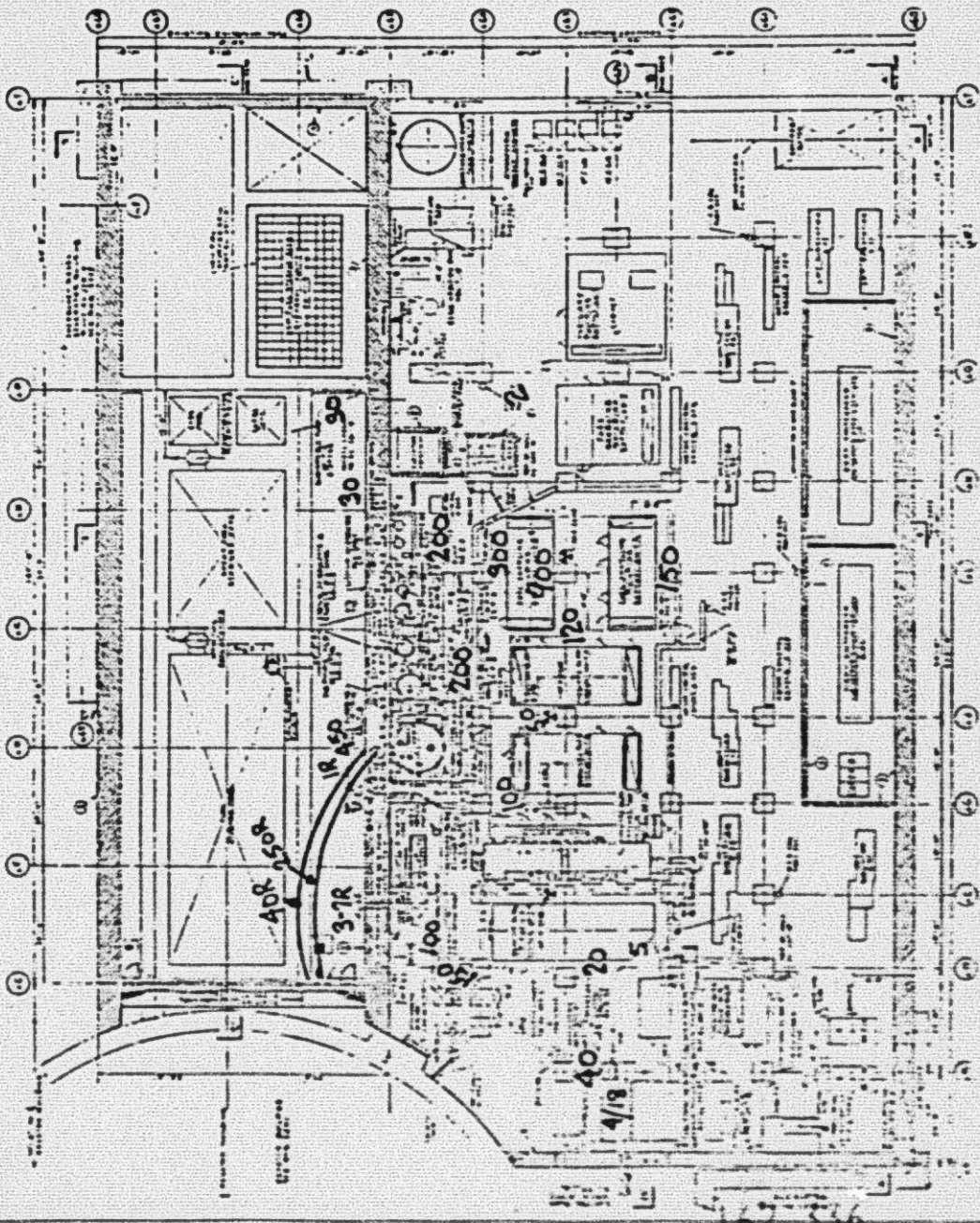
REC'D 4/18/79
@ 1800

LEGEND



DATE	BY	REVISION
4/18/79		
4/18/79		
4/18/79		
4/18/79		

328'



162-536

TABLE 3B

TMI-2 Radiation Survey/Aux. 5 Fuel Handling Building

El. 328' DWG #2067

	<u>GRID</u>	<u>LATEST READING (R/hr)</u>	<u>DATE OF ACTUAL READING</u>	<u>TIME OF ACTUAL READING</u>
aB/a	62.9	0.04	4/18/79	-
aD/a	62.4	0.005	-	-
	62.8	0.02	-	-
	64.5	0.15	-	-
	64.6	0.1	-	-
aE/a	65.5	3-7	-	-
	65.7	250	-	-
aG/a	63.8	0.1	-	-
	65.4	0.45	-	-
	65.6	1	-	-
aJ/a	63.4	0.05	-	-
aK/a	63	0.12	-	-
aL/a	62	0.15	-	-
	63.2	0.9	-	-
	63.8	0.3	-	-
aQ/a	63.6	0.002	-	-

162 337