

file

METROPOLITAN EDISON COMPANY

Subsidiary of General Public Utilities Corporation

Subject TMI Unit 2 Site Operations

TMI-II-R-6520
Location TMI/U-2 Site Ops


Date April 3rd, 1980

To R. C. Arnold, Sr. Vice President, Met-Ed
J. T. Collins, U.S. NRC, Deputy Director, TMI Support
B. D. Elam, Manager Plant Engineering
G. K. Hovey, Director, TMI-2
R. F. Wilson, Director Technical Functions

Attached are the following Unit 2 Daily Reports
for April 3rd, 1980:

- A. Plant Status
- B. Air Quality Status
- C. Shift Foreman Turnover
- D. Reactor Building Sump Level Plot
- E. Unit II Tank Status
- F. Water Storage Summary
- G. Solid Waste Storage Status
- H. Solid Waste Shipments

JJB/jw
attach.


J. J. Barton

TMI
PLANT STATUS

Date: APR 3 '80

Time: 0400

Pressurizer		OTSG		Aux. Bldg.		
Temp. (F°)	340		A	B	Rad. level Upstrm. DH-V3 (MR/HR)	N/A
Psat (PSIG)	103.3	TSTM (°F.)	114.5	107.3	Thermocouples	X
Reactor Coolant System Pressure		Level (in)	430	NA	Highest °F.	191.2
		Press. ("Hg Vac)	25	17		
Heise (PSIG)	301	TBV Pos. (%)	16	0	T/C No.	8-H
DVM (PSIG)	306	WG Decay Tank	X	X	Lowest °F.	125.15
RC-Pl.A Lower Cavity(PSIG)	005	Press. (PSIG)	25	30	T/C No.	6-L
Upstream DH-V3(PSIG)	NIS	MAKEUP SYSTEM				
Press Control Sys. in use	SPC	Aut Level (in)	67.5			
		Aut Press.(PSIG)	0			
		Aut Temp (°F.)	106.5			
		Additions (Gal.)	0			
		Temp. of Add.(°F)	NA			
Temperature		A Loop	B Loop	Est. Res Boron (PPM)	4000	
		TH(°F)	147.7	151.0	BWT Level (ft)	41.53
Tc2(°F) Wide Range	102.4	82.0	LD. Temp. (°F)	NIS		
Tc4(°F) Wide Range	94.5	83.8	Reactor Bldg.			
Tc (avg.) (°F.)	98.4	82.9	Level	Elev.	290.423	
ΔT2 (°F) Th-Tc	45.3	69.0		Ft.	7.923	
ΔT4 (°F) Th-Tc	53.2	67.2	Temp (°F)	82		
Avg. Incore T/C	X		Press	Enl. 3(PSIG)	-.6	
Temp. (°F.)	152.1			Heise(PSIG)	-1.1	
# of points	49		Cooling	Pump	1	
Leak Rate	X			Coolers	2	
GPM/Time	-222	0300		Fans	3	
RCP Data						
Pump	1A	2A	1B	2B		
Seal Inj. (GPM)	NIS	NIS	NIS	NIS		

Submitted by Coleman
CRO Signature
Approved by C. Guthrie
SF Signature

cc: J.J.Barton
J.J.Chwastyk
Unit 2 Shift Foreman(one copy)
D.N.Ahern
NRC (S/S Office)

DATE: APR 3'80

ROOF MONITORS

TIME: 0400 (Indicate if not running)

Particulate (UC/CC)

Iodine (UC/CC)

Gas (UC/CC)

Flow (CFM)

#1	#2	#3	#4	#5
NIS	0	0	1.47E-13	0
↓	0	1.48E-13	5.75E-13	0
	1.02E-6	1.76E-6	1.95E-6	5.32E-7
↓	32,000	30,000	31,500	91,000

FHB Air Sample Results (Particulate)

	305' #6	328' #4
2154	1.0E-11	
2129		8.2E-12

Aux Bldg. Roof Monitors

Stacked is capped

S
T
A
C
K

748 Air Ejector Eberline

0400
Time

P 2.16E-10 uc/cc
I -1.4E-12 uc/cc
G 1.73E-4 uc/cc

FHB Ventilation		X 1000	
Supply (cfm)	<u>39</u>	No. Fans running	<u>2</u>
Exhaust (cfm)	<u>40</u>	No. Fans running	<u>2</u>

P 90 CPM P 50 CPM
I 400 CPM I 50 CPM
G 70 CPM G 40 CPM

Aux. Building Ventilation		X 1000	
Supply (cfm)	<u>46</u>	No. Fans running	<u>2</u>
Exhaust (cfm)	<u>60</u>	No. Fans running	<u>2</u>

P 120 CPM P 150 CPM
I 80 CPM I 150 CPM
G 50 CPM G 60 CPM

221A

FHB

221B

228

AUX.

222

Alvern

Date 4/3/80

SHIFT FOREMAN TURNOVER

Shift H-7

1. Radio Inventory

Check off radio number if in charging rack. If not in rack, radio must be accounted for in comment section.

- | | | | |
|----------------|-----|----------------|-----|
| (A) GE1471143 | (✓) | (F) 411ADG1118 | (✓) |
| (B) 411ADG1390 | (①) | (G) 411ADG1116 | (✓) |
| (C) S19D5W | (✓) | (H) | () |
| (D) T19D10 | (✓) | (I) | () |
| (E) P09D5F | (✓) | (J) | () |

Comments:

① OUT FOR REPAIRS

2. Equipment O.O.S.

- | | | | | |
|----------|--------|--------|---------|--------|
| MJ-P-1C | OH-PIA | EF-P1 | W06-PIB | VA-PIB |
| NR-PIB+D | SW-PIA | CO-PIB | DW-P4B | |
| RR PUMPS | NS-PIB | WT-PI0 | DW-PIA | NONE |

3. Tech Spec Time Clocks in effect:

4. Tech Spec Surveillance in progress:
2303-96 Due 4/4/80

5. RCS Status:

Temp 132.8 Press Control Band 300 ± 50
 Press 300 Press Control Method SPC

6. Liquid releases in progress or planned:

SEE W/M NOTES

7. Gas releases in progress or planned:

NONE

8. Abnormal conditions: (ex: new tag outs, system returned to serv)

- | | |
|--|--|
| 1. SW-PIB LOW DISCH. FILTER | 7. SUMP PUMP INSTALLED IN CW |
| 2. MJ-P-1B OPE DUE TO LEAK | 8. VALVE PIT, PUMPING |
| 3. WATER HEATERS FOR DECON OF SIRM HOOKED UP | 8. WATCH NS-P-1A INBOARD PUMP OILER, WAS EMPTY ON 3-11 |
| 4. BWST XFER TO U-1 STOPPED - LEAK ON SAND PIPER | |
| 5. RESIN FOR POLISHER HERE | |
| 6. SPC-T-5 @ 3612 BEFORE ADDING 16 GALS | |
| 9. Cap-Gun II status: | |

10. Review other turnover sheets:

CRO(✓) Pri AO(✓) Sec AO(✓) Outs(✓)

11. Maintenance jobs to push for completion:

- WOL-V33B SOCKET
- RED TAGS ON ORDR
- AH-E SC, 8D. TEST

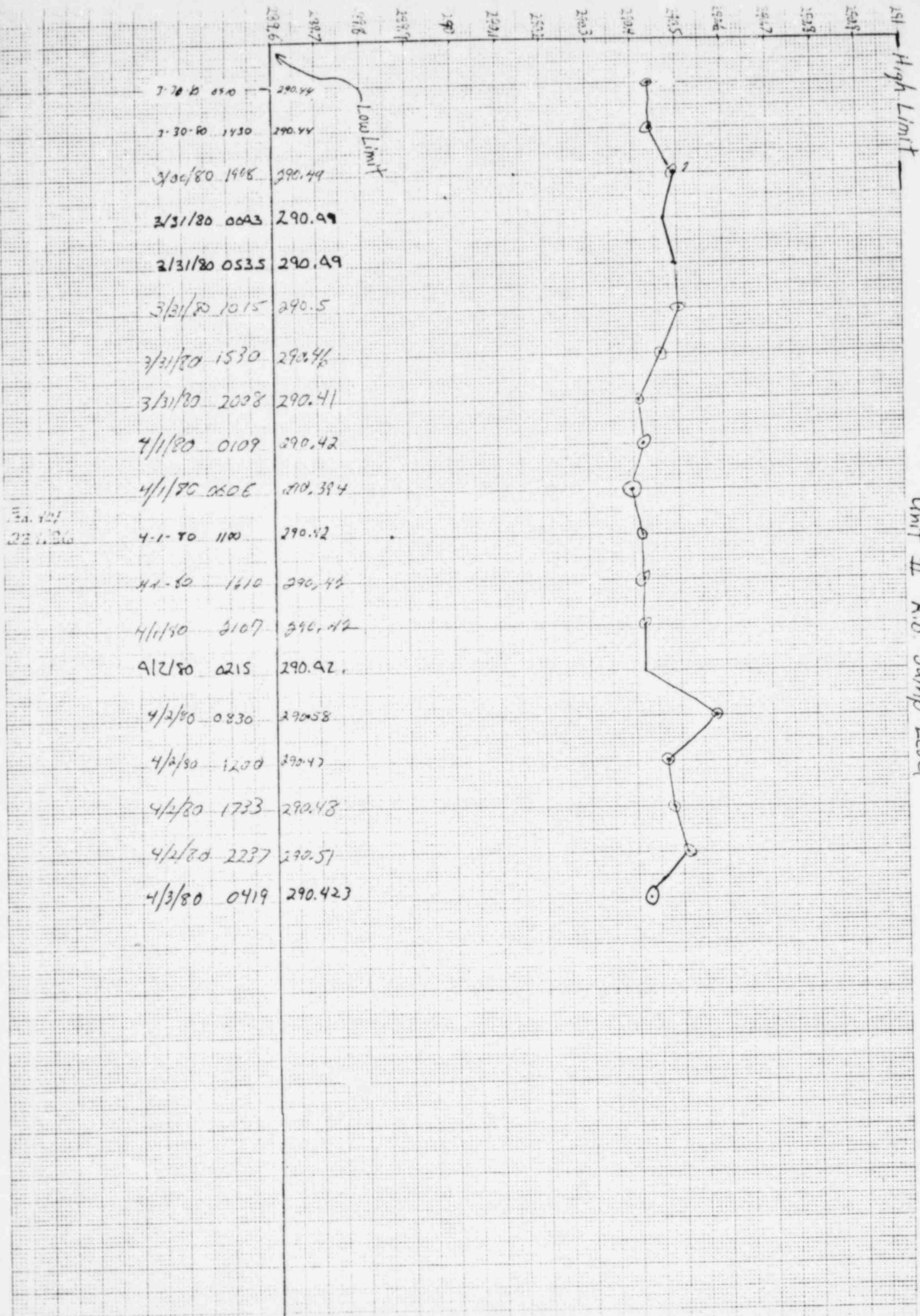
Signatures:

C. Dulaine

Off going shift foreman

On going shift foreman

SIGNATURES INDICATE REVIEW OF THIS DOCUMENT AND THE T.S. SHIFT & DAILY LOG & NO MAJOR PLANT PARAMETERS ARE OUT OF SPEC.



High Limit

Unit II R.B. Sump Level

Ex. 101
22.1.26

UNIT II TANK STATUS

Tanks Other Than For Water Storage Prior To EPICOR II Processing:

TANK	LEVEL	VOLUME	MAXIMUM	USABLE	REMAINING CAPACITY
WDL-T-9A	0.4	0	10,600	10,600	10,600
* WDL-T-9B	7.7	7274	10,600	10,600	3,326
WDL-T-11A	2.1	940	2,660	2,660	1,720
WDL-T-11B	0.3	60	2,660	2,660	2,600
		<u>8,274</u>	26,520	26,520	<u>18,246</u>

EPICOR II TANKS & SUMP

TANK	MAXIMUM	LEVEL	VOLUME
CC-T-1 Off-Spec	85,965	22	51,000
CC-T-2 Clean H ₂ O	133,317	0	0
CCB SUMP	4,580	000	-
TOTAL GALLONS PROCESSED (per MWHT): <u>145,910</u>			} VISUAL INSPECT. LEVEL N 40" / VOL. N 1160 GAL. } THRU BATCH 26. DOES NOT INCLUDE T-1 → T-2 } SMALL AMT. XFERRED BEFORE TEMP. SHUTDOWN. NOTE
TOTAL GALLONS PROCESSED (including recycle): <u>638,115</u>			

UNIT II INLEAKAGE

Location	Last 24 Hours		Average Over Past 7 Days	
	GPM	GPD	GPM	GPD
Aux. Bldg. Sump	.62	899	.20	294
Contaminated Drain Tank	.15	210	.12	171
TOTALS	.77	1109	.32	465

WASTE GAS DECAY TANK STATUS

WDG-T-1A 25 psig WDG-P-1A AUTO-LOW
 WDG-T-1B 30 psig WDG-P-1B OFF

UNIT II REMARKS

- * THIS IS PROCESSED WATER.
- 1. U-2 SFP "B" CONTAINS 166,230 GAL. OF PROCESSED WATER.
- 2. BORATION OF U-2 SFP "B" IN PROGRESS.
- 3. EPICOR II PROCESSING CC-T-1 → CC-T-2 FOR TRAINING. SHUTDOWN TEMPORARILY TO CHANGE MICRON FILTER.
- 4. U-2 AUX. SUMP LEVEL INCREASE DUE TO HYDROLASING OPS. IN SEAL INJECTION ROOM.

UNIT II WATER STORAGE SUMMARY (GALLONS)

TANK	GEOMETRIC VOLUME	USABLE VOLUME*	LEVEL	GALLONS	REMAINING CAPACITY	EST GROSS ACTIVITY
Tank Farm (upper)	60,000	58,328	-	50,376	7952	30
Tank Farm (lower)	50,000	48,842	-	42,792	6050	30
MWHT WDL-T-2	19,800	19,610	7.35	14,960	4650	30
Neut.Tk.WDL-T-8A	8,780	3,780	0.2	640	8140	20
Neut.Tk.WDL-T-8B	8,780	3,780	0.2	0	8780	0
RCBT A WDL-T-1A	83,400	77,250	1.6	4420	72,830	42
RCBT B WDL-T-1B	83,400	77,250	13.5	77,250	0	42
RCBT C WDL-T-1C	83,400	77,250	13.4	77,250	0	42
ABST WDL-T-5	3,215	3,040	4.2	3000	40	20
Aux Bldg Sump**	11,071	9,000	1.73	4032	4968	30
CWST WDS-T-2	<u>9,000</u>	<u>9,000</u>	0	<u>0</u>	<u>9000</u>	0
	420,846	397,130		274,720	122,410	

* Usable volume is the maximum volume that may be used in a tank because of operational considerations, such as, overflow piping arrangements.

** Floor drains backup to floor at 4.4ft.

NOTE: This summary is for intermediate level waste water.

122,410 Remaining Capacity
-10,000 Gallons Margin
112,410 Gallons Remaining Capacity
at 294 GPD Inleakage
= 382 Days Storage Capacity Remaining

DATE 4-3-80

SOLID WASTE STORAGE - STATUS REPORT
UNIT II

SOUTHEAST STORAGE FACILITY:

<u>191</u>	DRUMS
<u>43</u>	LSA BOXES
<u>54</u>	<u>Solidified RADIAE WASH</u>
<u>2</u>	<u>50 ft³ LINERS - SPENT FILTERS</u>
<u>6</u>	<u>6x6 condensate polishing RESIN</u>

REMAINING CAPACITY: 225 DRUMS 7 LSA BOXES

NOTE: Storage space interchangeable at the rate of 8 Drums per Box.

INTERIM STORAGE FACILITY:

REMAINING CAPACITY:

<u>6</u>	EPICOR I DEMIN. FILTERS (6x6)
<u>1</u>	EPICOR I PREFILTERS (6x6)
<u>9</u>	EPICOR II PREFILTERS (4x4)
<u>5</u>	EPICOR II DEMIN. FILTERS (4x4)
<u>2</u>	EPICOR II POLISHING RESIN (6x6)
<u>1</u>	<u>6x6 USED PRECOAT</u>
<u>1</u>	<u>4x4 CONTAMINATED RESIN</u>

<u>2</u>	6 x 6 CELLS
<u>1</u>	4 x 4 CELLS

LONG - TERM STORAGE FACILITY, MODULE A:

<u>6</u>	EPICOR I DEMIN. FILTERS (6x6)
<u>5</u>	EPICOR I PREFILTERS (6x6)
<u>10</u>	EPICOR II PREFILTERS (4x4)
<u>5</u>	EPICOR II DEMIN. FILTERS (4x4)
<u>3</u>	EPICOR II POLISHING RESIN (6x6)
<u>1</u>	<u>UNIT I SPENT RESIN LINER</u>

REMAINING CAPACITY: * 22 CELLS 30 DAY PROCESS REMAINING

* 30 cells available w/seals
22 of 30 HAVE shield blocks installed
8 of 30 shield blocks to be installed

SOLID WASTE STORAGE - SHIPMENT REPORT

SHIPMENTS SCHEDULED NEXT 7 DAYS

RCS to Lynchburg 4-7-80

SHIPMENTS MADE SINCE LAST REPORT:

LSA, TYPE A RESIN LINER to Richland, Wash.

COMMENTS OR ADDITIONAL INFORMATION:

43 drums - PRE-ACCIDENT, Unit I & II MISC WASTE, TRASH, & OIL -
STORED IN Unit I
Unit I WASTE - 152 drums ON TRUCK & 11 boxes IN S.E. STORAGE AREA,
193 drums IN Chem. Add. Room, 3 boxes IN GATE 10 AREA, 7-50 FT³
LINERS IN NEUT. TANK AREA, & 1-6x6 SPENT RESIN LINER IN LONG TERM STORAGE
FACILITY

EPICOR I HOLDING AREA:

5 EPICOR I PREFILTERS (6x6)
5 EPICOR I DEMIN. FILTERS (6x6)

REMAINING CAPACITY: 0 SHIELDS (6x6)