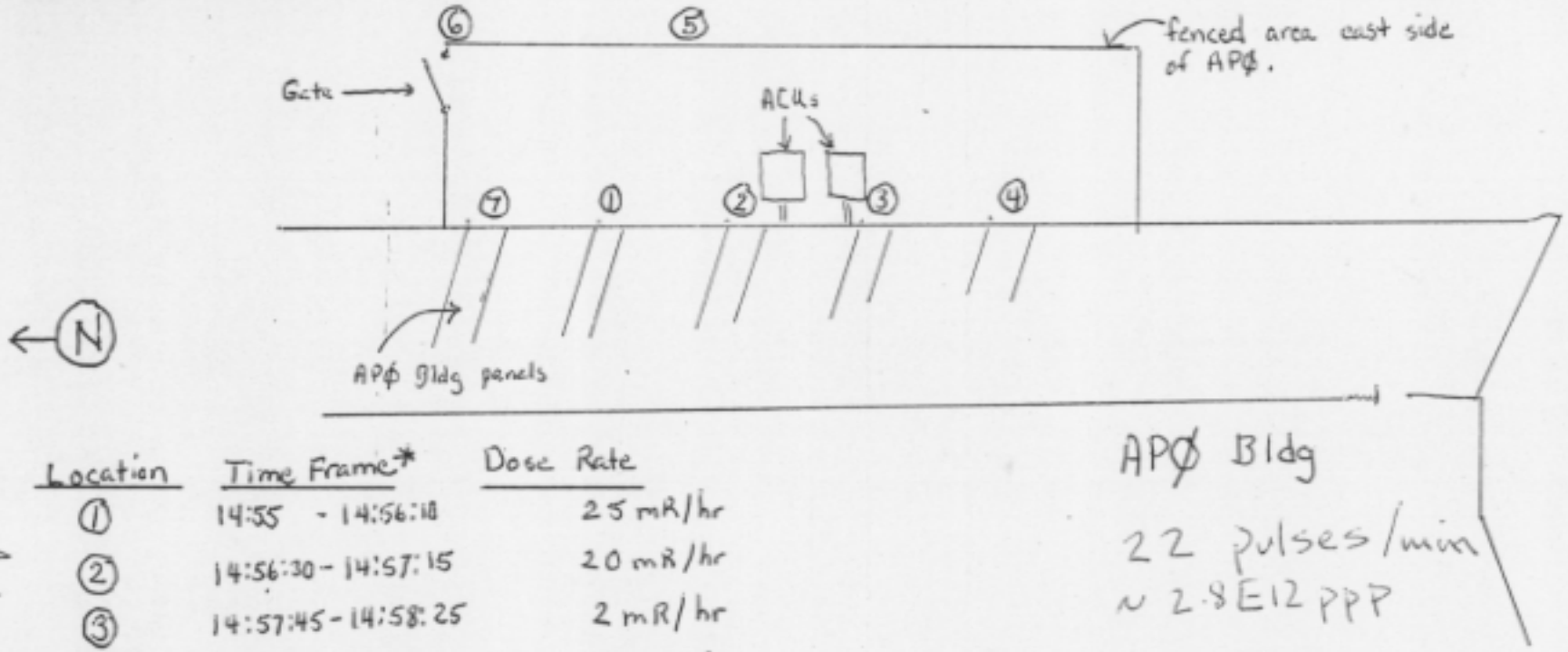
Fermilab
BEAMS DIVISION

PURPOSE: Dose Rate Measurements of APØ Rear Fence Area

DATE/TIME: 4/6/00 2:55 pm



Location	Time Frame*	Dose Rate
①	14:55 - 14:56:10	25 mR/hr
②	14:56:30 - 14:57:15	20 mR/hr
③	14:57:45 - 14:58:25	2 mR/hr
④	14:58:40 - 14:58:50	0.5 mR/hr
⑤	14:59:20 - 14:59:50	0.2 mR/hr
⑥	14:59:50 - 15:00:15	0.2 mR/hr
⑦	15:01:30 - 15:01:30	3 mR/hr

* Readings are instantaneous dose rates, not integrated. Time frame is simply the time period when the dose rate measurement was made.

Attachment 7
1 of 5

SURVEYOR: Fulghem/Louten/Zimmermann
INSTRUMENT/SERIAL NUMBER: Microrem Meter # 4
BATTERY CHECK (SAT/UNSAT): Sat
SOURCE CHECK (SAT/UNSAT): Sat
DATE CALIBRATION DUE: 5/00

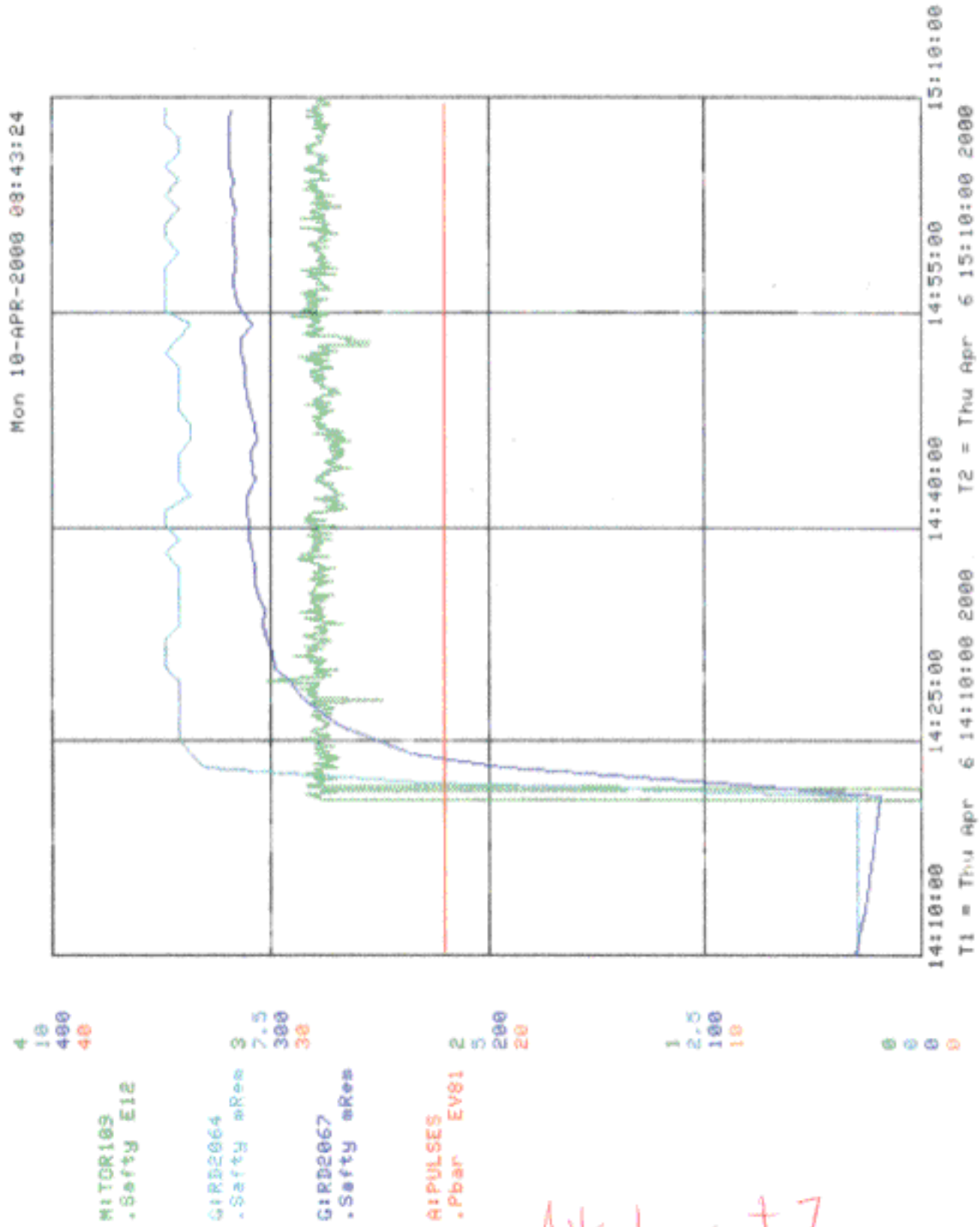
LEGEND
(#) - Wipe
* - Unlabeled Radioactive Material
# - Doserate in mR/hr at 1 foot
(#F) - Floor wipe
(#R) - Radioactive Material Wipe

HIGHEST DOSE RATE FOUND: 25 mR/hr at 1 ft

REVIEWED BY: Gary Louten 4/7/00
Signature/Date

REVISED 12/4/97

Console Location 145, 10-APR-2000 08:44 9.996
APO Water Cage Detector vs Int.



Attachment 7
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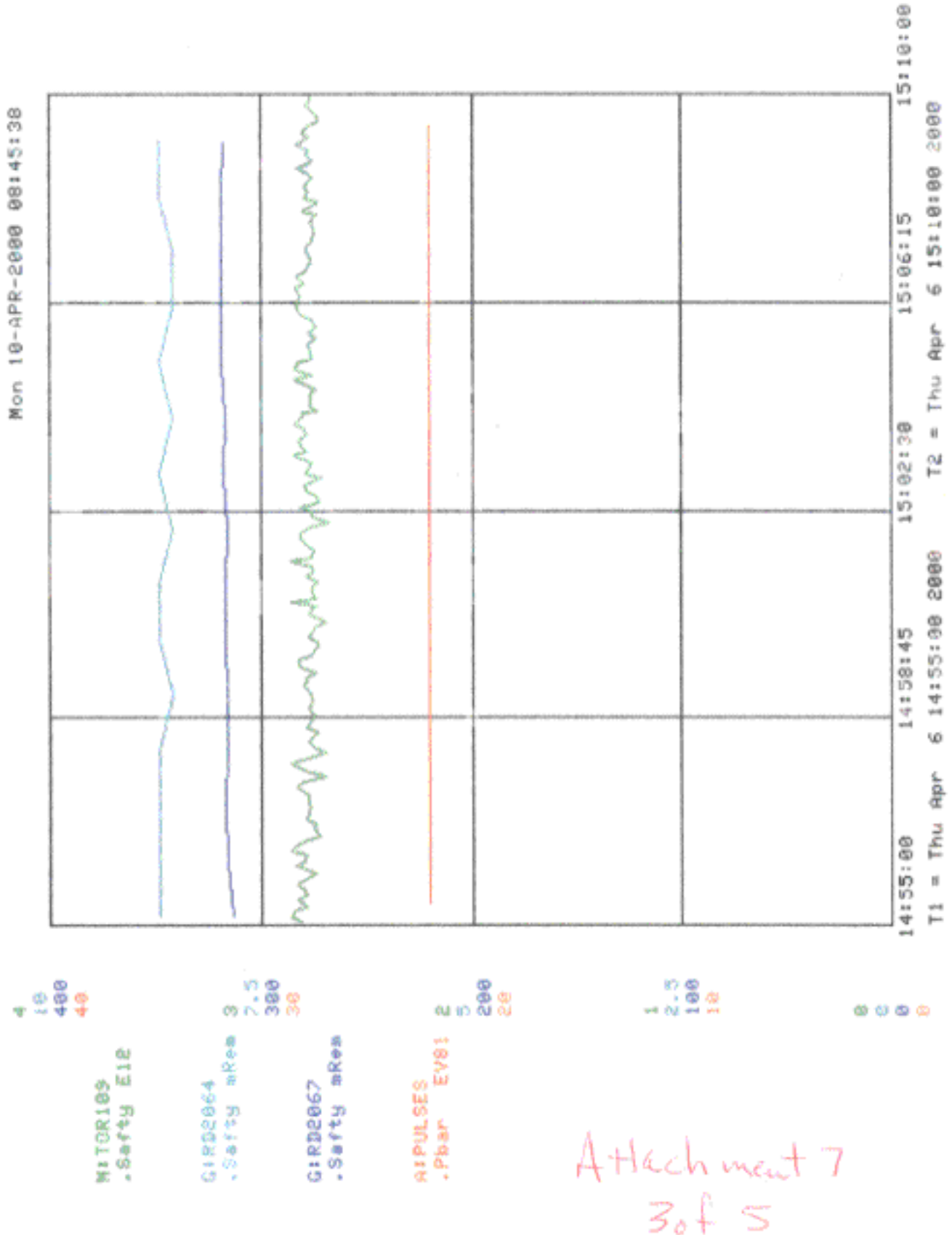
Console Location 145, 10-APR-2000 08:46 9.911
APO Water Cage Detector vs Int.



Attachment 7
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Cons( Location 145,                10-APR-2000  :45
PA:D4 LUMBERJACK PLOTTER<NoSets>


D44   Lumberjack Datalogger                                  ♦Stop♦  ♦Pause♦  ♦Pgm_Tools♦
Plot Title =  AP0 Water Cage Detector vs Int. ♦              ♦GxPA1♦ ♦Units♦  ♦Status♦
X=TIME          Y=M:TOR109     ,G:RD2064     ,G:RD2067     ,A:PULSES     ,
                I= 0           , 0           , 0           , 0           ,
                F= 4           , 10          , 400         , 40          ,
                 .Safty        .Safty        .Safty        .Pbar
                  NONE          NONE          NONE          NONE
                     590           60            60            60          Read
                     590           60            60            60          Plotted

                Y=             ,             ,             ,
                I=-10          ,-10          ,-10          ,-10
                F= 10          , 10          , 10          , 10
                 .Mau          .Mau          .MCR          .MCR
                  NONE          NONE          NONE          NONE
                                                                          Read
                                                                          Plotted

T1= Thu 06-APR-2000 14:10  T2= Thu 06-APR-2000 15:10  ♦Inc♦ ♦T2 Now♦ ♦Interval♦
♦Skip♦      ♦X Divs  4♦          ♦Interpolation♦      ♦Integrate♦    ♦Editor♦
♦Trace♦     ♦Y Divs  4♦                               ♦Average♦      ♦Fold♦
♦Symbol♦    ♦Overwrite♦          ♦Previous♦   ♦Next♦  ♦StdDev♦       ♦LJScanJob♦
                                 ♦Recall♦     ♦Save♦  ♦Fit Equations♦
Data Source ♦Mau   (Cns5 )♦      ♦List Data♦  ♦Copy♦  ♦Min/Max♦
♦All Device Plot♦List = ♦ 1♦     ♦Export Data♦♦Enable♦♦Calc Points♦
═══════════════════════════════ Messages ═══════════════════════════════
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Page has been saved, record N 32                                        n
Page has been saved, record N 31
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Attachment 7
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Cons Location 145, 10-APR-200 :46
PA:D4 LUMBERJACK PLOTTER<NoSets>

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D44   Lumberjack Datalogger                                  ♦Stop♦  ♦Pause♦  ♦Pgm_Tools♦
Plot Title =  AP0 Water Cage Detector vs Int. ♦              ♦GxPA1♦ ♦Units♦  ♦Status♦
X=TIME          Y=M:TOR109     ,G:RD2064     ,G:RD2067     ,A:PULSES     ,
                I= 0           , 0           , 0           , 0           ,
                F= 4           , 10          , 400         , 40          ,
                 .Safty        .Safty        .Safty        .Pbar
                  NONE          NONE          NONE          NONE
                     148           15            15            15          Read
                     148           15            15            15          Plotted

                Y=             ,             ,             ,
                I=-10          ,-10          ,-10          ,-10
                F= 10          , 10          , 10          , 10
                 .Mau          .Mau          .MCR          .MCR
                  NONE          NONE          NONE          NONE
                                                                           Read
                                                                           Plotted

T1= Thu 06-APR-2000 14:55  T2= Thu 06-APR-2000 15:10  ♦Inc♦ ♦T2 Now♦ ♦Interval♦
♦Skip♦      ♦X Divs  4♦          ♦Interpolation♦      ♦Integrate♦    ♦Editor♦
♦Trace♦     ♦Y Divs  4♦                               ♦Average♦      ♦Fold♦
♦Symbol♦    ♦Overwrite♦          ♦Previous♦   ♦Next♦  ♦StdDev♦       ♦LJScanJob♦
                                 ♦Recall♦     ♦Save♦  ♦Fit Equations♦
Data Source ♦Mau   (Cns5 )♦      ♦List Data♦  ♦Copy♦  ♦Min/Max♦
♦All Device Plot♦List = ♦ 1♦     ♦Export Data♦♦Enable♦♦Calc Points♦
                                 Messages
Page has been saved, record N 33
Page has been saved, record N 32
Page has been saved, record N 31
                                 1: 3 of 11
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Attachment 7
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