

Direct Penetrating Radiation as Measured by Electrets

New Mexico Environment Department, DOE Oversight Bureau, LANL Oversight Section

Calendar Quarter: Q42007

48th Street

149

SX3861	10/2/2007 1:18:00 PM	1/3/2008 11:33:00 AM	# of Days Deployed:	92.9	Voltage Drop:	81
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.24	2.0	41371.8	21.8	48.6	47.7	
SX3922	10/2/2007 1:18:00 PM	1/3/2008 11:33:00 AM	# of Days Deployed:	92.9	Voltage Drop:	81
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.24	2.0	41340.3	21.8	48.6	47.7	
SX3923	10/2/2007 1:18:00 PM	1/3/2008 11:33:00 AM	# of Days Deployed:	92.9	Voltage Drop:	83
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.24	2.0	42345.0	22.3	49.8	48.9	

Result in mRad is the Average of the Values: **48.1** Std of the Values: **0.6**

East Gate

East Gate

SX3749	10/2/2007 12:33:00 PM	1/3/2008 2:57:00 PM	# of Days Deployed:	93.1	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.9	38778.5	20.1	45.0	44.1	
SX3843	10/2/2007 12:33:00 PM	1/3/2008 2:57:00 PM	# of Days Deployed:	93.1	Voltage Drop:	67
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.9	35952.8	18.6	41.5	40.7	
SX3844	10/2/2007 12:33:00 PM	1/3/2008 2:57:00 PM	# of Days Deployed:	93.1	Voltage Drop:	71
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.9	38159.7	19.8	44.2	43.4	

Result in mRad is the Average of the Values: **42.7** Std of the Values: **1.5**

East Gate HPIC Tower

East Gate HPIC Tower

SX3806	10/2/2007 12:41:00 PM	1/3/2008 3:05:00 PM	# of Days Deployed:	93.1	Voltage Drop:	68
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	36950.2	19.1	42.7	41.9	
SX3900	10/2/2007 12:41:00 PM	1/3/2008 3:05:00 PM	# of Days Deployed:	93.1	Voltage Drop:	66
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	36087.9	18.7	41.7	40.9	
SX3910	10/2/2007 12:41:00 PM	1/3/2008 3:05:00 PM	# of Days Deployed:	93.1	Voltage Drop:	69
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	37595.1	19.5	43.5	42.7	

Result in mRad is the Average of the Values: **41.8** Std of the Values: **0.7**

Los Alamos Airport**114**

SX3755 10/2/2007 12:50:00 PM 1/3/2008 12:37:00 PM # of Days Deployed: 93.0 Voltage Drop: 66

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	34624.9	18.0	40.2	39.5

SX3784 10/2/2007 12:50:00 PM 1/3/2008 12:37:00 PM # of Days Deployed: 93.0 Voltage Drop: 69

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	36230.8	18.9	42.2	41.4

SX3795 10/2/2007 12:50:00 PM 1/3/2008 12:37:00 PM # of Days Deployed: 93.0 Voltage Drop: 68

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	35728.4	18.6	41.6	40.8

Result in mRad is the Average of the Values: **40.6** **Std of the Values:** **0.8**

Los Alamos McDonalds**166**

SBH926 10/2/2007 1:01:00 PM 1/3/2008 12:26:00 PM # of Days Deployed: 93.0 Voltage Drop: 64

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.25	1.8	35185.1	18.5	41.3	40.5

SBH953 10/2/2007 1:01:00 PM 1/3/2008 12:26:00 PM # of Days Deployed: 93.0 Voltage Drop: 66

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.25	1.9	35279.7	18.6	41.4	40.6

SBI033 10/2/2007 1:01:00 PM 1/3/2008 12:26:00 PM # of Days Deployed: 93.0 Voltage Drop: 65

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.25	1.8	35326.3	18.6	41.5	40.7

Result in mRad is the Average of the Values: **40.6** **Std of the Values:** **0.1**

Nazarene Church**Nazarene Church**

SBH994 10/2/2007 10:45:00 AM 1/3/2008 11:00:00 AM # of Days Deployed: 93.0 Voltage Drop: 59

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	32995.4	16.6	37.0	36.3

ST2314 10/2/2007 10:45:00 AM 1/3/2008 11:00:00 AM # of Days Deployed: 93.0 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	36310.9	18.4	41.0	40.2

ST2346 10/2/2007 10:45:00 AM 1/3/2008 11:00:00 AM # of Days Deployed: 93.0 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	37522.5	19.0	42.4	41.6

Result in mRad is the Average of the Values: **39.4** **Std of the Values:** **2.2**

Northern NM College**Northern NM College**

SX3736 10/2/2007 2:51:00 PM 1/3/2008 3:43:00 PM # of Days Deployed: 93.0 Voltage Drop: 56

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.16	1.9	30045.4	14.5	32.5	31.8

Northern NM College

Northern NM College

SX3770 10/2/2007 2:51:00 PM 1/3/2008 3:43:00 PM # of Days Deployed: 93.0 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.16 1.9 33981.4 16.6 37.0 **36.3**

SX3779 10/2/2007 2:51:00 PM 1/3/2008 3:43:00 PM # of Days Deployed: 93.0 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.16 1.8 36413.3 17.8 39.9 **39.1**

SX3885 10/2/2007 2:51:00 PM 1/3/2008 3:43:00 PM # of Days Deployed: 93.0 Voltage Drop: 56

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.16 1.9 30073.8 14.6 32.5 **31.9**

SX3887 10/2/2007 2:51:00 PM 1/3/2008 3:43:00 PM # of Days Deployed: 93.0 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.16 1.8 37125.6 18.2 40.7 **39.9**

Result in mRad is the Average of the Values: **35.8** Std of the Values: **3.4**

Pueblo above SR-502 E060

Pueblo above SR-502 E060

SX3747 10/2/2007 2:21:00 PM 1/3/2008 2:37:00 PM # of Days Deployed: 93.0 Voltage Drop: 83

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 2.0 42417.7 21.3 47.6 **46.7**

SX3912 10/2/2007 2:21:00 PM 1/3/2008 2:37:00 PM # of Days Deployed: 93.0 Voltage Drop: 84

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 2.0 42843.1 21.6 48.1 **47.2**

SX3918 10/2/2007 2:21:00 PM 1/3/2008 2:37:00 PM # of Days Deployed: 93.0 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 2.0 41854.7 21.0 46.9 **46.1**

Result in mRad is the Average of the Values: **46.6** Std of the Values: **0.5**

Royal Crest Trailer Court

151

SBH874 10/2/2007 1:39:00 PM 1/3/2008 2:17:00 PM # of Days Deployed: 93.0 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.8 35441.7 18.6 41.5 **40.7**

SBH982 10/2/2007 1:39:00 PM 1/3/2008 2:17:00 PM # of Days Deployed: 93.0 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.8 33926.5 17.7 39.6 **38.8**

SX3871 10/2/2007 1:39:00 PM 1/3/2008 2:17:00 PM # of Days Deployed: 93.0 Voltage Drop: 74

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 2.0 37829.1 19.9 44.4 **43.6**

Result in mRad is the Average of the Values: **41.0** Std of the Values: **2.0**

Santa Fe Booster Station**Santa Fe Booster Station**

SX3726	10/2/2007 3:35:00 PM	1/3/2008 4:36:00 PM	# of Days Deployed:	93.0	Voltage Drop:	59
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	31600.7	16.1	35.9	35.2

SX3741	10/2/2007 3:35:00 PM	1/3/2008 4:36:00 PM	# of Days Deployed:	93.0	Voltage Drop:	63
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	33936.7	17.3	38.7	38.0

SX3793	10/2/2007 3:35:00 PM	1/3/2008 4:36:00 PM	# of Days Deployed:	93.0	Voltage Drop:	63
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	34026.8	17.4	38.8	38.1

SX3832	10/2/2007 3:35:00 PM	1/3/2008 4:36:00 PM	# of Days Deployed:	93.0	Voltage Drop:	60
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	32171.3	16.4	36.6	35.9

Result in mRad is the Average of the Values: **36.8** **Std of the Values:** **1.3**

Well PM-1**137**

SX3769	10/2/2007	1/3/2008 3:18:00 PM	# of Days Deployed:	93.6	Voltage Drop:	86
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	43938.2	22.4	50.2	49.0

SX3870	10/2/2007	1/3/2008 3:18:00 PM	# of Days Deployed:	93.6	Voltage Drop:	89
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	45484.0	23.2	52.1	50.8

SX3878	10/2/2007	1/3/2008 3:18:00 PM	# of Days Deployed:	93.6	Voltage Drop:	90
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	46035.1	23.5	52.8	51.4

Result in mRad is the Average of the Values: **50.4** **Std of the Values:** **1.0**

White Rock Fire Station**167**

SBH922	10/2/2007 5:35:00 PM	1/3/2008 3:51:00 PM	# of Days Deployed:	92.9	Voltage Drop:	59
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.8	32829.3	16.7	37.1	36.5

SX3838	10/2/2007 5:35:00 PM	1/3/2008 3:51:00 PM	# of Days Deployed:	92.9	Voltage Drop:	67
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.8	36641.6	18.7	41.7	41.0

SX3905	10/2/2007 5:35:00 PM	1/3/2008 3:51:00 PM	# of Days Deployed:	92.9	Voltage Drop:	66
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.8	36047.1	18.4	41.0	40.3

Result in mRad is the Average of the Values: **39.2** **Std of the Values:** **2.0**