

Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q32010

48th Street

149

SX3725 7/8/2010 10:45:00 AM 10/8/2010 3:07:00 PM # of Days Deployed: 92.2 Voltage Drop: 79

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.30	1.9	41698.0	23.3	51.5	50.9

SX3796 7/8/2010 10:45:00 AM 10/8/2010 3:07:00 PM # of Days Deployed: 92.2 Voltage Drop: 77

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.30	1.9	40730.2	22.7	50.2	49.7

SX3819 7/8/2010 10:45:00 AM 10/8/2010 3:07:00 PM # of Days Deployed: 92.2 Voltage Drop: 77

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.30	1.9	40877.6	22.8	50.4	49.9

Result in mRad is the Average of the Values: 50.2 **Std of the Values: 0.5**

East Gate

East Gate

SX3913 7/8/2010 12:25:00 PM 10/8/2010 4:54:00 PM # of Days Deployed: 92.2 Voltage Drop: 83

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	43671.3	24.3	53.7	53.1

SX3943 7/8/2010 12:25:00 PM 10/8/2010 4:54:00 PM # of Days Deployed: 92.2 Voltage Drop: 79

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	42059.8	23.3	51.6	51.1

SX3990 7/8/2010 12:25:00 PM 10/8/2010 4:54:00 PM # of Days Deployed: 92.2 Voltage Drop: 79

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	42121.6	23.4	51.7	51.1

Result in mRad is the Average of the Values: 51.8 **Std of the Values: 1.0**

East Gate HPIC Tower

East Gate HPIC Tower

SCW185 7/8/2010 12:35:00 PM 10/8/2010 5:00:00 PM # of Days Deployed: 92.2 Voltage Drop: 72

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	38842.4	21.5	47.6	47.1

SCW188 7/8/2010 12:35:00 PM 10/8/2010 5:00:00 PM # of Days Deployed: 92.2 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	35509.0	19.6	43.3	42.8

SCW276 7/8/2010 12:35:00 PM 10/8/2010 5:00:00 PM # of Days Deployed: 92.2 Voltage Drop: 73

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	39197.2	21.7	48.0	47.5

Result in mRad is the Average of the Values: 45.8 **Std of the Values: 2.1**

Los Alamos Airport**114**

SX3775 7/8/2010 12:13:00 PM 10/8/2010 5:33:00 PM # of Days Deployed: 92.2 Voltage Drop: 65

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.30	1.9	34968.6	19.4	42.9	42.4

SX3845 7/8/2010 12:13:00 PM 10/8/2010 5:33:00 PM # of Days Deployed: 92.2 Voltage Drop: 65

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.30	1.9	34923.8	19.3	42.8	42.4

SX3876 7/8/2010 12:13:00 PM 10/8/2010 5:33:00 PM # of Days Deployed: 92.2 Voltage Drop: 65

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.30	1.9	35107.0	19.4	43.0	42.6

Result in mRad is the Average of the Values: **42.5** **Std of the Values:** **0.1**

Los Alamos McDonalds**166**

SCW225 7/8/2010 11:44:00 AM 10/8/2010 5:43:00 PM # of Days Deployed: 92.2 Voltage Drop: 71

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.31	1.9	37811.6	21.2	46.8	46.3

SCW346 7/8/2010 11:44:00 AM 10/8/2010 5:43:00 PM # of Days Deployed: 92.2 Voltage Drop: 72

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.31	1.9	38522.2	21.6	47.8	47.3

SFC130 7/8/2010 11:44:00 AM 10/8/2010 5:43:00 PM # of Days Deployed: 92.2 Voltage Drop: 74

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.31	1.9	39894.9	22.4	49.6	49.0

Result in mRad is the Average of the Values: **47.5** **Std of the Values:** **1.1**

Nazarene Church**Nazarene Church**

SX3768 7/8/2010 1:10:00 PM 10/8/2010 4:17:00 PM # of Days Deployed: 92.1 Voltage Drop: 69

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	36267.7	19.6	43.3	42.8

SX3804 7/8/2010 1:10:00 PM 10/8/2010 4:17:00 PM # of Days Deployed: 92.1 Voltage Drop: 71

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	37495.5	20.3	44.8	44.4

SX3862 7/8/2010 1:10:00 PM 10/8/2010 4:17:00 PM # of Days Deployed: 92.1 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	35383.0	19.1	42.1	41.7

Result in mRad is the Average of the Values: **43.0** **Std of the Values:** **1.1**

Northern NM College**Northern NM College**

SX3766 7/8/2010 3:33:00 PM 10/7/2010 2:32:00 PM # of Days Deployed: 91.0 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	34990.3	18.3	40.0	40.2

Northern NM College

Northern NM College

SX3783 7/8/2010 3:33:00 PM 10/7/2010 2:32:00 PM # of Days Deployed: 91.0 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.21 1.9 36229.9 19.0 41.5 **41.7**

SZ9146 7/8/2010 3:33:00 PM 10/7/2010 2:32:00 PM # of Days Deployed: 91.0 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.21 1.9 35896.7 18.8 41.1 **41.3**

Result in mRad is the Average of the Values: **41.0** Std of the Values: **0.6**

Pueblo above SR-502 E060

Pueblo above SR-502 E060

SX3723 7/8/2010 6:00:00 PM 10/8/2010 4:38:00 PM # of Days Deployed: 91.9 Voltage Drop: 95

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.8 51723.7 28.4 62.6 **62.1**

SX3768 7/8/2010 6:00:00 PM 10/8/2010 4:38:00 PM # of Days Deployed: 91.9 Voltage Drop: 94

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.9 50778.7 27.8 61.4 **60.9**

SX3847 7/8/2010 6:00:00 PM 10/8/2010 4:38:00 PM # of Days Deployed: 91.9 Voltage Drop: 91

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.9 48070.5 26.3 58.0 **57.5**

Result in mRad is the Average of the Values: **60.2** Std of the Values: **1.9**

Royal Crest Trailer Court

151

SX3743 7/8/2010 1:47:00 PM 10/8/2010 3:43:00 PM # of Days Deployed: 92.1 Voltage Drop: 76

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 40109.1 22.4 49.6 **49.2**

SX3815 7/8/2010 1:47:00 PM 10/8/2010 3:43:00 PM # of Days Deployed: 92.1 Voltage Drop: 79

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 41631.7 23.3 51.6 **51.1**

SX3914 7/8/2010 1:47:00 PM 10/8/2010 3:43:00 PM # of Days Deployed: 92.1 Voltage Drop: 80

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 42276.9 23.7 52.4 **52.0**

Result in mRad is the Average of the Values: **50.7** Std of the Values: **1.2**

Santa Fe Booster Station

Santa Fe Booster Station

SCW257 7/9/2010 1:15:00 PM 10/7/2010 9:10:00 AM # of Days Deployed: 89.8 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.9 33889.3 19.1 41.1 **41.8**

SFC211 7/9/2010 1:15:00 PM 10/7/2010 9:10:00 AM # of Days Deployed: 89.8 Voltage Drop: 64

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.9 33704.9 19.0 40.9 **41.5**

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

SX3866	7/9/2010 1:15:00 PM	10/7/2010 9:10:00 AM	# of Days Deployed:	89.8	Voltage Drop:	67
--------	---------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.8	36298.3	20.5	44.2	44.9

SX3927	7/9/2010 1:15:00 PM	10/7/2010 9:10:00 AM	# of Days Deployed:	89.8	Voltage Drop:	65
--------	---------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	34923.8	19.7	42.4	43.1

SX4094	7/9/2010 1:15:00 PM	10/7/2010 9:10:00 AM	# of Days Deployed:	89.8	Voltage Drop:	67
--------	---------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.29	1.9	36187.2	20.4	44.1	44.8

Result in mRad is the Average of the Values:	43.2	Std of the Values:	1.4
---	-------------	---------------------------	------------

Well PM-1**137**

SX3765	7/8/2010 1:30:00 PM	10/8/2010 5:14:00 PM	# of Days Deployed:	92.2	Voltage Drop:	83
--------	---------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.27	1.9	44695.7	24.6	54.3	53.8

SX3805	7/8/2010 1:30:00 PM	10/8/2010 5:14:00 PM	# of Days Deployed:	92.2	Voltage Drop:	81
--------	---------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.27	1.9	43734.1	24.0	53.1	52.6

SX3849	7/8/2010 1:30:00 PM	10/8/2010 5:14:00 PM	# of Days Deployed:	92.2	Voltage Drop:	79
--------	---------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.27	1.9	42514.1	23.3	51.5	51.0

Result in mRad is the Average of the Values:	52.5	Std of the Values:	1.1
---	-------------	---------------------------	------------

White Rock Fire Station**167**

SX3735	7/8/2010 12:59:00 PM	10/8/2010 4:03:00 PM	# of Days Deployed:	92.1	Voltage Drop:	69
--------	----------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.27	1.9	36757.3	19.9	44.1	43.7

SX3780	7/8/2010 12:59:00 PM	10/8/2010 4:03:00 PM	# of Days Deployed:	92.1	Voltage Drop:	68
--------	----------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.27	1.9	36104.8	19.6	43.2	42.8

SX3790	7/8/2010 12:59:00 PM	10/8/2010 4:03:00 PM	# of Days Deployed:	92.1	Voltage Drop:	68
--------	----------------------	----------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.27	1.9	36177.2	19.6	43.3	42.9

Result in mRad is the Average of the Values:	43.1	Std of the Values:	0.4
---	-------------	---------------------------	------------