

Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q12008

48th Street

149

SX3861 1/3/2008 11:33:00 AM 4/2/2008 12:01:00 PM # of Days Deployed: 90.0 Voltage Drop: 71

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 36839.1 19.6 42.4 **43.0**

SX3922 1/3/2008 11:33:00 AM 4/2/2008 12:01:00 PM # of Days Deployed: 90.0 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 37328.7 19.9 43.0 **43.6**

SX3923 1/3/2008 11:33:00 AM 4/2/2008 12:01:00 PM # of Days Deployed: 90.0 Voltage Drop: 75

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 38888.4 20.8 44.9 **45.5**

Result in mRad is the Average of the Values: **44.0** Std of the Values: **1.1**

East Gate

East Gate

SX3749 1/3/2008 2:57:00 PM 4/2/2008 12:53:00 PM # of Days Deployed: 89.9 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.20 1.8 34783.8 18.3 39.5 **40.1**

SX3843 1/3/2008 2:57:00 PM 4/2/2008 12:53:00 PM # of Days Deployed: 89.9 Voltage Drop: 61

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.20 1.8 33476.2 17.6 37.9 **38.5**

SX3844 1/3/2008 2:57:00 PM 4/2/2008 12:53:00 PM # of Days Deployed: 89.9 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.20 1.8 34126.7 17.9 38.7 **39.3**

Result in mRad is the Average of the Values: **39.3** Std of the Values: **0.7**

East Gate HPIC Tower

East Gate HPIC Tower

SX3806 1/3/2008 3:05:00 PM 4/2/2008 12:59:00 PM # of Days Deployed: 89.9 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.21 1.8 35150.5 18.6 40.1 **40.7**

SX3900 1/3/2008 3:05:00 PM 4/2/2008 12:59:00 PM # of Days Deployed: 89.9 Voltage Drop: 61

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.21 1.8 34278.3 18.1 39.1 **39.6**

SX3910 1/3/2008 3:05:00 PM 4/2/2008 12:59:00 PM # of Days Deployed: 89.9 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.21 1.8 35282.4 18.7 40.3 **40.9**

Result in mRad is the Average of the Values: **40.4** Std of the Values: **0.5**

Los Alamos Airport

114

SX3755 1/3/2008 12:37:00 PM 4/1/2008 3:52:00 PM # of Days Deployed: 89.1 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 33640.6 18.0 38.5 39.5

SX3784 1/3/2008 12:37:00 PM 4/1/2008 3:52:00 PM # of Days Deployed: 89.1 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 33151.6 17.7 38.0 38.9

SX3795 1/3/2008 12:37:00 PM 4/1/2008 3:52:00 PM # of Days Deployed: 89.1 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 33171.9 17.8 38.0 38.9

Result in mRad is the Average of the Values: 39.1 Std of the Values: 0.3

Los Alamos McDonalds

166

SBH926 1/3/2008 12:26:00 PM 4/1/2008 3:28:00 PM # of Days Deployed: 89.1 Voltage Drop: 59

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 33356.4 18.0 38.5 39.4

SBH953 1/3/2008 12:26:00 PM 4/1/2008 3:28:00 PM # of Days Deployed: 89.1 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 37181.4 20.2 43.2 44.2

SBI033 1/3/2008 12:26:00 PM 4/1/2008 3:28:00 PM # of Days Deployed: 89.1 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 34568.8 18.7 40.0 41.0

Result in mRad is the Average of the Values: 41.5 Std of the Values: 2.0

Nazarene Church

Nazarene Church

ST2410 1/3/2008 11:00:00 AM 4/2/2008 4:32:00 PM # of Days Deployed: 90.2 Voltage Drop: 59

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 1.9 30879.7 15.7 34.0 34.4

SX3998 1/3/2008 11:00:00 AM 4/2/2008 4:32:00 PM # of Days Deployed: 90.2 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 1.9 34191.6 17.5 37.9 38.3

SX4038 1/3/2008 11:00:00 AM 4/2/2008 4:32:00 PM # of Days Deployed: 90.2 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 1.9 34182.8 17.5 37.9 38.3

Result in mRad is the Average of the Values: 37.0 Std of the Values: 1.9

Northern NM College

Northern NM College

SX3736 1/3/2008 3:43:00 PM 4/2/2008 1:47:00 PM # of Days Deployed: 89.9 Voltage Drop: 53

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.15 1.8 28974.2 14.4 31.1 31.6

Northern NM College

Northern NM College

SX3770 1/3/2008 3:43:00 PM 4/2/2008 1:47:00 PM # of Days Deployed: 89.9 Voltage Drop: 51

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.15 1.8 28089.0 13.9 30.1 **30.5**

SX3779 1/3/2008 3:43:00 PM 4/2/2008 1:47:00 PM # of Days Deployed: 89.9 Voltage Drop: 57

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.15 1.8 31759.3 15.9 34.3 **34.8**

SX3885 1/3/2008 3:43:00 PM 4/2/2008 1:47:00 PM # of Days Deployed: 89.9 Voltage Drop: 53

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.15 1.8 29007.2 14.4 31.1 **31.6**

SX3887 1/3/2008 3:43:00 PM 4/2/2008 1:47:00 PM # of Days Deployed: 89.9 Voltage Drop: 58

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.15 1.8 32521.1 16.3 35.2 **35.7**

Result in mRad is the Average of the Values: **32.8** Std of the Values: **2.0**

Pueblo above SR-502 E060

Pueblo above SR-502 E060

SX3747 1/3/2008 2:37:00 PM 4/2/2008 1:20:00 PM # of Days Deployed: 89.9 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.17 1.9 34256.4 17.5 37.7 **38.3**

SX3912 1/3/2008 2:37:00 PM 4/2/2008 1:20:00 PM # of Days Deployed: 89.9 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.17 1.9 36267.7 18.6 40.1 **40.7**

SX3918 1/3/2008 2:37:00 PM 4/2/2008 1:20:00 PM # of Days Deployed: 89.9 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.17 1.9 34724.9 17.7 38.3 **38.8**

Result in mRad is the Average of the Values: **39.3** Std of the Values: **1.0**

Royal Crest Trailer Court

151

SBH874 1/3/2008 2:17:00 PM 4/1/2008 2:42:00 PM # of Days Deployed: 89.0 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.8 33578.3 18.1 38.7 **39.6**

SBH982 1/3/2008 2:17:00 PM 4/1/2008 2:42:00 PM # of Days Deployed: 89.0 Voltage Drop: 58

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.8 32568.5 17.5 37.4 **38.4**

SX3871 1/3/2008 2:17:00 PM 4/1/2008 2:42:00 PM # of Days Deployed: 89.0 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 34755.9 18.8 40.1 **41.1**

Result in mRad is the Average of the Values: **39.7** Std of the Values: **1.1**

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

SX3726	1/3/2008 4:36:00 PM	4/2/2008 4:42:00 PM	# of Days Deployed:	90.0	Voltage Drop:	52
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	28379.6	14.7	31.7	32.2

SX3741	1/3/2008 4:36:00 PM	4/2/2008 4:42:00 PM	# of Days Deployed:	90.0	Voltage Drop:	56
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	30824.1	16.0	34.7	35.1

SX3793	1/3/2008 4:36:00 PM	4/2/2008 4:42:00 PM	# of Days Deployed:	90.0	Voltage Drop:	57
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	31484.2	16.4	35.5	36.0

SX3832	1/3/2008 4:36:00 PM	4/2/2008 4:42:00 PM	# of Days Deployed:	90.0	Voltage Drop:	52
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	28422.1	14.7	31.8	32.2

Result in mRad is the Average of the Values: **33.9** **Std of the Values:** **1.7**

Well PM-1**137**

SX3769	1/3/2008 3:18:00 PM	4/1/2008 4:10:00 PM	# of Days Deployed:	89.0	Voltage Drop:	77
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	40015.6	21.1	45.1	46.2

SX3870	1/3/2008 3:18:00 PM	4/1/2008 4:10:00 PM	# of Days Deployed:	89.0	Voltage Drop:	77
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	40043.1	21.1	45.1	46.3

SX3878	1/3/2008 3:18:00 PM	4/1/2008 4:10:00 PM	# of Days Deployed:	89.0	Voltage Drop:	77
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	40089.4	21.2	45.2	46.3

Result in mRad is the Average of the Values: **46.3** **Std of the Values:** **0.0**

White Rock Fire Station**167**

SBH910	1/3/2008 5:51:00 PM	4/1/2008 4:32:00 PM	# of Days Deployed:	88.9	Voltage Drop:	64
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	34294.7	18.1	38.5	39.5

ST2419	1/3/2008 5:51:00 PM	4/1/2008 4:32:00 PM	# of Days Deployed:	88.9	Voltage Drop:	69
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	36620.2	19.4	41.3	42.4

SX3814	1/3/2008 5:51:00 PM	4/1/2008 4:32:00 PM	# of Days Deployed:	88.9	Voltage Drop:	69
--------	---------------------	---------------------	---------------------	------	---------------	----

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	36295.7	19.2	40.9	42.0

Result in mRad is the Average of the Values: **41.3** **Std of the Values:** **1.3**