

# Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q42011

## 48th Street

149

SFC017 10/8/2011 12:18:00 PM 1/3/2012 6:27:00 PM # of Days Deployed: 87.3 Voltage Drop: 80

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	40536.5	22.7	47.5	<b>49.7</b>

SFC136 10/8/2011 12:18:00 PM 1/3/2012 6:27:00 PM # of Days Deployed: 87.3 Voltage Drop: 78

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	39294.4	22.0	46.0	<b>48.1</b>

SFC197 10/8/2011 12:18:00 PM 1/3/2012 6:27:00 PM # of Days Deployed: 87.3 Voltage Drop: 85

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	43021.1	24.1	50.6	<b>52.9</b>

**Result in mRad is the Average of the Values: 50.2**      **Std of the Values: 2.0**

## East Gate

East Gate

SFC100 10/8/2011 12:02:00 PM 1/3/2012 6:13:00 PM # of Days Deployed: 87.3 Voltage Drop: 76

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.22	2.0	38449.3	21.3	44.7	<b>46.7</b>

SFC104 10/8/2011 12:02:00 PM 1/3/2012 6:13:00 PM # of Days Deployed: 87.3 Voltage Drop: 78

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.22	2.0	39447.4	21.9	45.9	<b>48.0</b>

SFC134 10/8/2011 12:02:00 PM 1/3/2012 6:13:00 PM # of Days Deployed: 87.3 Voltage Drop: 77

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.22	2.0	38673.9	21.5	45.0	<b>47.0</b>

**Result in mRad is the Average of the Values: 47.2**      **Std of the Values: 0.5**

## East Gate HPIC Tower

East Gate HPIC Tower

SFB997 10/8/2011 12:06:00 PM 1/3/2012 6:16:00 PM # of Days Deployed: 87.3 Voltage Drop: 64

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	31825.7	17.5	36.7	<b>38.4</b>

SFC071 10/8/2011 12:06:00 PM 1/3/2012 6:16:00 PM # of Days Deployed: 87.3 Voltage Drop: 71

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	35812.8	19.9	41.6	<b>43.5</b>

SFC089 10/8/2011 12:06:00 PM 1/3/2012 6:16:00 PM # of Days Deployed: 87.3 Voltage Drop: 72

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	36495.7	20.3	42.4	<b>44.4</b>

**Result in mRad is the Average of the Values: 42.1**      **Std of the Values: 2.6**

**Los Alamos Airport****114**

SX3880 10/8/2011 11:57:00 AM 1/3/2012 6:09:00 PM # of Days Deployed: 87.3 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	34663.8	19.2	40.2	<b>42.0</b>

SX3882 10/8/2011 11:57:00 AM 1/3/2012 6:09:00 PM # of Days Deployed: 87.3 Voltage Drop: 63

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	32531.0	17.9	37.6	<b>39.3</b>

SX3909 10/8/2011 11:57:00 AM 1/3/2012 6:09:00 PM # of Days Deployed: 87.3 Voltage Drop: 70

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	36283.7	20.1	42.2	<b>44.1</b>

**Result in mRad is the Average of the Values:** **41.8** **Std of the Values:** **2.0**

**Los Alamos McDonalds****166**

SFC016 10/8/2011 12:10:00 PM 1/3/2012 6:19:00 PM # of Days Deployed: 87.3 Voltage Drop: 86

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	2.0	43448.6	24.5	51.4	<b>53.7</b>

SFC028 10/8/2011 12:10:00 PM 1/3/2012 6:19:00 PM # of Days Deployed: 87.3 Voltage Drop: 78

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	2.0	39287.9	22.1	46.2	<b>48.4</b>

SFC181 10/8/2011 12:10:00 PM 1/3/2012 6:19:00 PM # of Days Deployed: 87.3 Voltage Drop: 77

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	2.0	38885.1	21.8	45.7	<b>47.8</b>

**Result in mRad is the Average of the Values:** **50.0** **Std of the Values:** **2.7**

**Nazarene Church****Nazarene Church**

SFC073 10/8/2011 12:22:00 PM 1/3/2012 6:38:00 PM # of Days Deployed: 87.3 Voltage Drop: 75

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	2.0	37805.1	20.4	42.8	<b>44.7</b>

SFC079 10/8/2011 12:22:00 PM 1/3/2012 6:38:00 PM # of Days Deployed: 87.3 Voltage Drop: 66

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	2.0	33232.7	17.8	37.3	<b>39.0</b>

SFC153 10/8/2011 12:22:00 PM 1/3/2012 6:38:00 PM # of Days Deployed: 87.3 Voltage Drop: 77

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	2.0	38705.1	20.9	43.8	<b>45.8</b>

**Result in mRad is the Average of the Values:** **43.2** **Std of the Values:** **3.0**

**Northern NM College****Northern NM College**

SFB981 10/8/2011 12:27:00 PM 1/4/2012 6:05:00 PM # of Days Deployed: 88.2 Voltage Drop: 65

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.16	2.0	32962.1	17.0	35.9	<b>37.1</b>

**Northern NM College****Northern NM College**

SFC090 10/8/2011 12:27:00 PM 1/4/2012 6:05:00 PM # of Days Deployed: 88.2 Voltage Drop: 71  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.16 2.0 35729.8 18.5 39.1 **40.5**

SFC149 10/8/2011 12:27:00 PM 1/4/2012 6:05:00 PM # of Days Deployed: 88.2 Voltage Drop: 70  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.16 2.0 35138.4 18.2 38.4 **39.8**

**Result in mRad is the Average of the Values: 39.1 Std of the Values: 1.4**

**Royal Crest Trailer Court****151**

SFC000 10/8/2011 12:14:00 PM 1/3/2012 6:23:00 PM # of Days Deployed: 87.3 Voltage Drop: 76  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.23 2.0 38370.3 21.4 44.9 **46.9**

SFC035 10/8/2011 12:14:00 PM 1/3/2012 6:23:00 PM # of Days Deployed: 87.3 Voltage Drop: 67  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.23 2.0 33806.5 18.8 39.3 **41.1**

SFC093 10/8/2011 12:14:00 PM 1/3/2012 6:23:00 PM # of Days Deployed: 87.3 Voltage Drop: 73  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.23 2.0 36772.5 20.5 42.9 **44.9**

**Result in mRad is the Average of the Values: 44.3 Std of the Values: 2.4**

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

SFB975 10/8/2011 12:24:00 PM 1/4/2012 5:59:00 PM # of Days Deployed: 88.2 Voltage Drop: 75  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.21 2.0 37843.1 20.5 43.4 **44.9**

SFC040 10/8/2011 12:24:00 PM 1/4/2012 5:59:00 PM # of Days Deployed: 88.2 Voltage Drop: 76  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.21 2.0 38396.4 20.8 44.0 **45.5**

SFC070 10/8/2011 12:24:00 PM 1/4/2012 5:59:00 PM # of Days Deployed: 88.2 Voltage Drop: 68  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.21 2.0 34302.4 18.5 39.1 **40.4**

**Result in mRad is the Average of the Values: 43.6 Std of the Values: 2.3**

**Well PM-1****137**

SFC048 10/8/2011 12:29:00 PM 1/3/2012 6:41:00 PM # of Days Deployed: 87.3 Voltage Drop: 92  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.19 2.0 46072.9 25.1 52.6 **55.0**

SFC085 10/8/2011 12:29:00 PM 1/3/2012 6:41:00 PM # of Days Deployed: 87.3 Voltage Drop: 86  
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
 1.19 2.0 43232.5 23.5 49.2 **51.4**

**Well PM-1****137**

SX3908 10/8/2011 12:29:00 PM 1/3/2012 6:41:00 PM # of Days Deployed: 87.3 Voltage Drop: 80

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	41494.9	22.5	47.1	<b>49.3</b>

**Result in mRad is the Average of the Values:** **51.9** **Std of the Values:** **2.3**

**White Rock Fire Station****167**

SX3766 10/8/2011 11:51:00 AM 1/3/2012 5:52:00 PM # of Days Deployed: 87.3 Voltage Drop: 71

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.18	1.8	39743.8	21.4	44.8	<b>46.9</b>

SX3786 10/8/2011 11:51:00 AM 1/3/2012 5:52:00 PM # of Days Deployed: 87.3 Voltage Drop: 66

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.18	1.8	37362.9	20.1	42.0	<b>43.9</b>

SX3862 10/8/2011 11:51:00 AM 1/3/2012 5:52:00 PM # of Days Deployed: 87.3 Voltage Drop: 66

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.18	1.8	37607.6	20.2	42.3	<b>44.2</b>

**Result in mRad is the Average of the Values:** **45.0** **Std of the Values:** **1.3**

Friday, July 15, 2016

3:02:24 PM