

# Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q32006

## 48th Street

149

SBI083 7/5/2006 4:48:00 PM 10/3/2006 1:06:00 PM # of Days Deployed: 89.8 Voltage Drop: 79

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.29 2.0 40012.2 22.8 49.1 **49.9**

SX3748 7/5/2006 4:48:00 PM 10/3/2006 1:06:00 PM # of Days Deployed: 89.8 Voltage Drop: 79

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.29 2.0 40148.0 22.9 49.3 **50.0**

SX3867 7/5/2006 4:48:00 PM 10/3/2006 1:06:00 PM # of Days Deployed: 89.8 Voltage Drop: 77

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.29 2.0 39247.0 22.3 48.1 **48.9**

Result in mRad is the Average of the Values: **49.6** Std of the Values: **0.5**

## East Gate

East Gate

SBI050 7/5/2006 11:38:00 AM 10/3/2006 2:14:00 PM # of Days Deployed: 90.1 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.28 1.8 36033.7 20.1 43.6 **44.1**

SBI065 7/5/2006 11:38:00 AM 10/3/2006 2:14:00 PM # of Days Deployed: 90.1 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.28 1.9 33992.7 18.9 40.9 **41.5**

SBI082 7/5/2006 11:38:00 AM 10/3/2006 2:14:00 PM # of Days Deployed: 90.1 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.28 1.8 35263.9 19.7 42.6 **43.1**

Result in mRad is the Average of the Values: **42.9** Std of the Values: **1.1**

## East Gate HPIC Tower

East Gate HPIC Tower

SBI013 7/5/2006 11:45:00 AM 10/3/2006 2:24:00 PM # of Days Deployed: 90.1 Voltage Drop: 58

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.28 1.8 32521.1 18.1 39.0 **39.5**

SBI048 7/5/2006 11:45:00 AM 10/3/2006 2:24:00 PM # of Days Deployed: 90.1 Voltage Drop: 56

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.28 1.8 30397.2 16.8 36.3 **36.8**

SZ9150 7/5/2006 11:45:00 AM 10/3/2006 2:24:00 PM # of Days Deployed: 90.1 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.28 1.8 34112.9 19.0 41.1 **41.6**

Result in mRad is the Average of the Values: **39.3** Std of the Values: **2.0**

Los Alamos Airport

114

SBH883 7/3/2006 2:41:00 PM 10/3/2006 1:57:00 PM # of Days Deployed: 92.0 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.28 1.9 34792.9 19.1 42.1 41.8

SBI037 7/3/2006 2:41:00 PM 10/3/2006 1:57:00 PM # of Days Deployed: 92.0 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.28 1.9 36135.6 19.9 43.8 43.5

SBI039 7/3/2006 2:41:00 PM 10/3/2006 1:57:00 PM # of Days Deployed: 92.0 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.28 1.8 37447.1 20.6 45.5 45.2

Result in mRad is the Average of the Values: 43.5 Std of the Values: 1.4

Los Alamos McDonalds

166

SBH926 7/3/2006 3:09:00 PM 10/3/2006 1:15:00 PM # of Days Deployed: 91.9 Voltage Drop: 71

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 2.0 35861.2 19.7 43.5 43.2

SBH953 7/3/2006 3:09:00 PM 10/3/2006 1:15:00 PM # of Days Deployed: 91.9 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 2.0 33383.3 18.3 40.3 40.0

SBI033 7/3/2006 3:09:00 PM 10/3/2006 1:15:00 PM # of Days Deployed: 91.9 Voltage Drop: 73

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 2.0 36606.6 20.2 44.5 44.1

Result in mRad is the Average of the Values: 42.5 Std of the Values: 1.8

Nazarene Church

Nazarene Church

SBH994 7/5/2006 10:47:00 AM 10/3/2006 12:13:00 PM # of Days Deployed: 90.1 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 2.0 34182.1 18.7 40.4 41.0

SBI045 7/5/2006 10:47:00 AM 10/3/2006 12:13:00 PM # of Days Deployed: 90.1 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.9 31759.5 17.3 37.4 37.9

SZ9257 7/5/2006 10:47:00 AM 10/3/2006 12:13:00 PM # of Days Deployed: 90.1 Voltage Drop: 59

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.8 32616.2 17.8 38.5 39.0

Result in mRad is the Average of the Values: 39.3 Std of the Values: 1.3

Northern NM College

Northern NM College

SBH931 7/5/2006 4:05:00 PM 10/4/2006 11:17:00 AM # of Days Deployed: 90.8 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.8 33741.3 17.8 38.8 39.0

## Northern NM College

## Northern NM College

SBI020 7/5/2006 4:05:00 PM 10/4/2006 11:17:00 AM # of Days Deployed: 90.8 Voltage Drop: 55

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.8 30802.1 16.1 35.2 **35.4**

SBI049 7/5/2006 4:05:00 PM 10/4/2006 11:17:00 AM # of Days Deployed: 90.8 Voltage Drop: 57

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.8 31537.2 16.6 36.1 **36.3**

SBI091 7/5/2006 4:05:00 PM 10/4/2006 11:17:00 AM # of Days Deployed: 90.8 Voltage Drop: 61

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.8 34578.3 18.3 39.8 **40.0**

SCB96 7/5/2006 4:05:00 PM 10/4/2006 11:17:00 AM # of Days Deployed: 90.8 Voltage Drop: 57

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.8 31618.6 16.6 36.2 **36.4**

Result in mRad is the Average of the Values: **37.4** Std of the Values: **1.8**

## Pueblo above SR-502 E060

## Pueblo above SR-502 E060

SBD081 7/5/2006 12:03:00 PM 10/3/2006 2:49:00 PM # of Days Deployed: 90.1 Voltage Drop: 64

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.25 1.8 36192.7 19.7 42.6 **43.2**

SBH966 7/5/2006 12:03:00 PM 10/3/2006 2:49:00 PM # of Days Deployed: 90.1 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.25 1.8 35750.4 19.5 42.1 **42.6**

SZ9370 7/5/2006 12:03:00 PM 10/3/2006 2:49:00 PM # of Days Deployed: 90.1 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.25 1.8 38275.1 20.9 45.2 **45.8**

Result in mRad is the Average of the Values: **43.9** Std of the Values: **1.4**

## Royal Crest Trailer Court

## 151

SBH874 7/3/2006 4:44:00 PM 10/3/2006 3:50:00 PM # of Days Deployed: 92.0 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.29 2.0 36194.7 19.9 44.0 **43.6**

SBH982 7/3/2006 4:44:00 PM 10/3/2006 3:50:00 PM # of Days Deployed: 92.0 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.29 2.0 36271.8 20.0 44.1 **43.7**

SBI008 7/3/2006 4:44:00 PM 10/3/2006 3:50:00 PM # of Days Deployed: 92.0 Voltage Drop: 73

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.29 2.0 37264.4 20.5 45.4 **45.0**

Result in mRad is the Average of the Values: **44.1** Std of the Values: **0.6**

**Santa Fe Booster Station**

**Santa Fe Booster Station**

SBH910      7/6/2006 4:50:00 PM      10/4/2006 10:11:00 AM      # of Days Deployed:      89.7      Voltage Drop:      57

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.28      1.9      29907.1      16.7      35.9      **36.5**

SBI030      7/6/2006 4:50:00 PM      10/4/2006 10:11:00 AM      # of Days Deployed:      89.7      Voltage Drop:      59

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.28      1.8      32995.4      18.5      39.8      **40.5**

SBI054      7/6/2006 4:50:00 PM      10/4/2006 10:11:00 AM      # of Days Deployed:      89.7      Voltage Drop:      58

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.28      1.8      32459.1      18.2      39.1      **39.8**

SBI060      7/6/2006 4:50:00 PM      10/4/2006 10:11:00 AM      # of Days Deployed:      89.7      Voltage Drop:      57

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.28      1.8      31550.6      17.6      38.0      **38.6**

SBI081      7/6/2006 4:50:00 PM      10/4/2006 10:11:00 AM      # of Days Deployed:      89.7      Voltage Drop:      59

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.28      1.8      33203.7      18.6      40.1      **40.8**

**Result in mRad is the Average of the Values:**      **39.2**      **Std of the Values:**      **1.6**

**Well PM-1**

**137**

SBH879      7/5/2006 9:18:00 AM      10/3/2006 9:18:00 AM      # of Days Deployed:      90.0      Voltage Drop:      81

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.25      2.0      40968.2      22.6      48.9      **49.6**

SBH913      7/5/2006 9:18:00 AM      10/3/2006 9:18:00 AM      # of Days Deployed:      90.0      Voltage Drop:      80

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.25      2.0      40288.7      22.2      48.1      **48.7**

SBI098      7/5/2006 9:18:00 AM      10/3/2006 9:18:00 AM      # of Days Deployed:      90.0      Voltage Drop:      88

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.25      2.0      44527.9      24.7      53.4      **54.1**

**Result in mRad is the Average of the Values:**      **50.8**      **Std of the Values:**      **2.4**

**White Rock Fire Station**

**167**

SBH922      7/3/2006 9:49:00 AM      10/3/2006 4:16:00 PM      # of Days Deployed:      92.3      Voltage Drop:      77

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.25      2.0      38931.7      20.8      46.1      **45.6**

SBH956      7/3/2006 9:49:00 AM      10/3/2006 4:16:00 PM      # of Days Deployed:      92.3      Voltage Drop:      59

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.25      1.8      33089.8      17.5      38.8      **38.3**

SZ9231      7/3/2006 9:49:00 AM      10/3/2006 4:16:00 PM      # of Days Deployed:      92.3      Voltage Drop:      55

TPCorrection: CalibrationFactor:      UncorrectedDose:      DoseRate:      TotalDose:      Quarterly Dose:  
 1.25      1.8      30316.7      15.9      35.3      **34.9**

White Rock Fire Station

167

Result in mRad is the Average of the Values:

39.6

Std of the Values:

4.4

Thursday, July 14, 2016

2:55:48 PM