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January 29, 2007

U.S. Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

Subject: Reply to letter of January 18,2007 Inspection 030-05302/2006-001
Docket No. 03005302
License No. 29-04236-01

Dear Sir or Madam,

In response to your letter the following is the description of the instrumentation used to test for Source leakage, background information and counting time.

1. The instrumentation consists of a Technical Associates Md. LS 6 Lead Shield. The shield is 9" dia. By 12" high and contains a GM tube that is completely surrounded by 2" Pb + 1/8" Al. The draw that holds the test filter paper disk is located directly under the GM tube's Mica Window.

2. The GM Tube type #2131 is manufactured by Canberra Industries and has the following data:
   Type: Mica End Window Halogen Quenched
   Application: α,β,γ
   Sensitivity: 1650 cpm @ 1 mr/hr Cs-137
   Window Area Density: 1.8 – 2.0 mg/cm^2
   Window Diameter: 28.4 mm
   Operating Volts: 900 VDC
   Background: 40 cpm max

3. The Voltage and Time are controlled by a Spectect ST-350 Counter Manufactured by Spectrum Techniques Inc.

4. Ten 1 minute background readings are collected and averaged for the background count. They are low because of the lead shielding.

5. Ten 1 minute Source readings are collected and averaged for the Source count.

Sincerely,

Norman Bischoff

Norman Bischoff, RSO