



2850 Centerville Road  
Wilmington, DE 19808

ATTN: Document Control Desk  
Office of Federal and State Materials and  
Environmental Management Programs,  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Re.: Notice of high wipe

September 30, 2010

Dear Sir or Madam,

Per the requirements of Agilent Technologies, Inc.'s NRC materials license (07-28762-01), I am notifying your office of a general license device that exhibited a wipe in excess of 0.005 microcuries. The high wipe was detected during a scheduled 6 month wipe of electron capture detectors (ECDs) used in the laboratories at the address below. The ECD was removed from the gas chromatograph it was installed in and decontaminated. The ECDs was then returned to service after consultation with the end user.

Following is information provided in accordance with the requirements outlined in 10 CFR 30 (c)(2).

- *A description of the event, including the probable cause and the manufacturer and model number (if applicable) of any equipment that failed or malfunctioned*

ECD Serial # U13954 (model G2397A) tested at 0.00561 microcuries, cleaned, retested at 0.000003 microcuries, and was returned to service.

Possible cause of the high wipe is attributed to the chemicals in use in the ECD.

Manufacturer: Agilent Technologies, Inc.

Model Number: G2397A

- *The exact location of the event:*

Lab 2-138

- *The isotopes, quantities, and chemical and physical form of the licensed material involved:*

Isotope: Nickel 63

FSME20

Quantity: 15 millicurie sealed source

Chemical and physical form: Ni-63, chemically plated per NRC SS&D Registry NR-0348-D-111-B.

- *Date and time of the event:*

Date and Time: 9/24/10 approximately 8:00 a.m.

- *Corrective actions taken or planned and the results of any evaluations or assessments*

Decontaminated wipe test area with methanol.

- *The extent of exposure of individuals to radiation or to radioactive materials without identification of individuals by name.*

No exposure expected. The ECD was housed in an enclosed instrument.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'David S. Bennett', with a long horizontal line extending to the right.

David S. Bennett  
RSO  
Agilent Technologies, Inc.  
2850 centerville Road  
Wilmington, DE 19808  
1-302-636-8262

c.c.:  
Director  
Division of Nuclear Materials Safety  
U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road,  
King of Prussia, PA 19406