 **Agilent Technologies**
2850 Centerville Road
Wilmington, DE 19808

ATTN: Document Control Desk
Director,
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Re.: Notice of high wipe

October 6, 2006

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 has exhibited a wipe in excess of 0.005 microcuries. The wipe was detected during a scheduled 6 month wipe of electron capture detectors (ECDs) used in the laboratories at the address below. The instrument housing the ECD was removed from service, the ECD was decontaminated, and the instrument was monitored for contamination. The ECD was released for use after the unit and ECD were acceptable.

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*

The high wipe was determined during a routine 6 month wipe of in-house ECDs. The initial wipe result was 0.019 microcuries on the ECDs inlet port. The ECD inlet was cleaned with methanol (organic solvent) and re-wiped, providing a result of 0.0000621 microcuries. The high wipe was reported to the RSO (David Bennett) who had the instrument housing the ECD was removed from service and initiated a high wipe investigation.

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

Manufacturer: Agilent Technologies, Inc.

Model Number: G2397A

Nmss01
FE72

- *The exact location of the event:*

Lab, Area 3-114

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

Isotope: Nickel 63

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: 9/22/06 approximately 8:00 a.m.

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

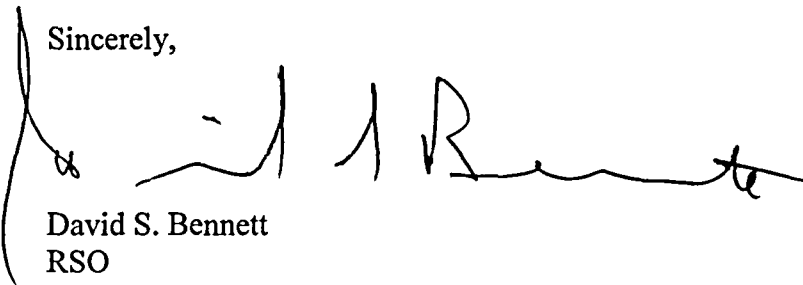
Decontaminated wipe test area with methanol. Interior of Gas Chromatograph (GC) housing ECD was monitored by G/M Counter and random wipe tests. All monitoring results were less than 0.002 microcuries.

- *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,



David S. Bennett

RSO

1-302-633-8262

c.c.:

Director

Division of Nuclear Materials Safety

U.S. Nuclear Regulatory Commission

Region I

475 Allendale Road,

King of Prussia, PA 19406