UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic & Atmospheric Administration
Office of Oceanic and Atmospheric Research
Earth System Research Laboratory
325 Broadway – David Skaggs Research Center
Boulder, Colorado 80305

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INSTRUCTIONS FOR PERFORMING ECD WIPE TESTS

In accordance with NOAA/ESRL's NRC license #05-11997-01 wipe tests are required twice a year on active Electron Capture Detectors (ECDs) in June and December.

Please follow the procedure outlined below:

(1) Enclosed are wipe test envelopes each containing one numbered wipe.

(2) Complete the labels on the front of each envelope with the information requested.

(3) Verify that the serial number listed on the envelope matches the ECD serial number.

(4) After ALL information is recorded on the envelope(s), put on the glove.

(5) Remove the wipe from one envelope, thoroughly rub around the exhaust port of the ECD and put the wipe back into the same envelope.

NOTE – Please do *NOT* seal the small envelopes after the wipe test.

(6) Repeat this procedure with the other wipes for each detector, as needed.

(7) Place the glove into the radioactive waste container and return the envelopes as soon as possible to Boulder for analysis.

(8) After the wipes are analyzed and verified to be clean, then, you may discard the glove into the regular trashcan.

If you have any questions, please contact me by phone or email at:
303-497-6655 (office)
303-638-4593 (mobile)
Brian.Vasel@noaa.gov

Thank you,

Brian A. Vasel
ESRL Assistant-RSO, GMD