

HAMILTON WATCH CO., INC.
 LANCASTER, PENNSYLVANIA 17604 U.S.A. (717)394-7161

January 26, 1977

U.S. Nuclear Regulatory Commission
 Division of Fuel Cycle & Safety Radioisotopes
 License Bureau
 Washington, D.C. 20555

Dear Sirs:

Please find enclosed an application for By Product Material License #313 with enclosed supplements. This license has to be amended to actual license 39-03572-02E. Please be aware that this license is only for the use of Tritium on a Research & Development level. Please feel free to contact us at 1-717-394-7161. If you have any questions.

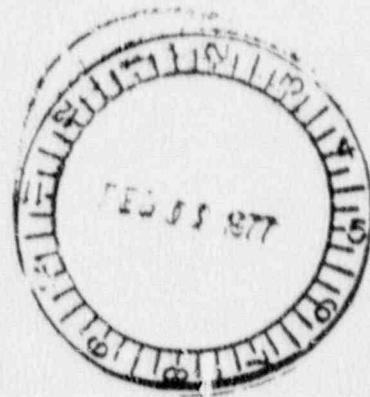
Sincerely,

O. Barrelet

Olivier D. Barrelet

OPB/kls

ENC: Application for By Product Materials License #313
 Check for \$255.00



COPIES SENT TO OFF. OF
 INSPECTION AND ENFORCEMENT

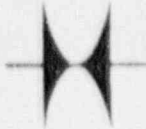
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SUPPLEMENT TO ATOMIC ENERGY COMMISSION FORM 313

SUPPLEMENT SECTION 2

Tritium will be processed on research and development basis only. See attached sketch of laboratory.

SUPPLEMENT SECTION 3

This license is an amendment to license 37-035-72-02E for the use of Tritium.

SUPPLEMENT SECTION 5

Olivier D. Barrelet, had former training by American Atomics Corporation in Tritium and sealed Tritium Luminous Sources and has studied documents related to Tritium, and had training with Radiologic Monitors with Overhoff and Associates.

SUPPLEMENT SECTION 11

Betatec Model 210 is calibrated in accordance to instruction supplied by Overhoff and Associates.

SUPPLEMENT SECTION 12

All employees or individuals working in or frequenting any portion of a controlled area (R&D Lab.) will be informed as to the presence of sources of radiation.

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SUPPLEMENTS (Con.'t.) - Page 2

The persons involved in these areas will be instructed in safety problems associated therewith and in precautions or procedures to minimize exposure.

SUPPLEMENT SECTION 13

The handling of Tritium luminous source will be performed with a Tritium Safe Hood. Each hood will exhaust a minimum of 200 CFM and is monitored by a Tritium Air Monitor.

SUPPLEMENT SECTION 14

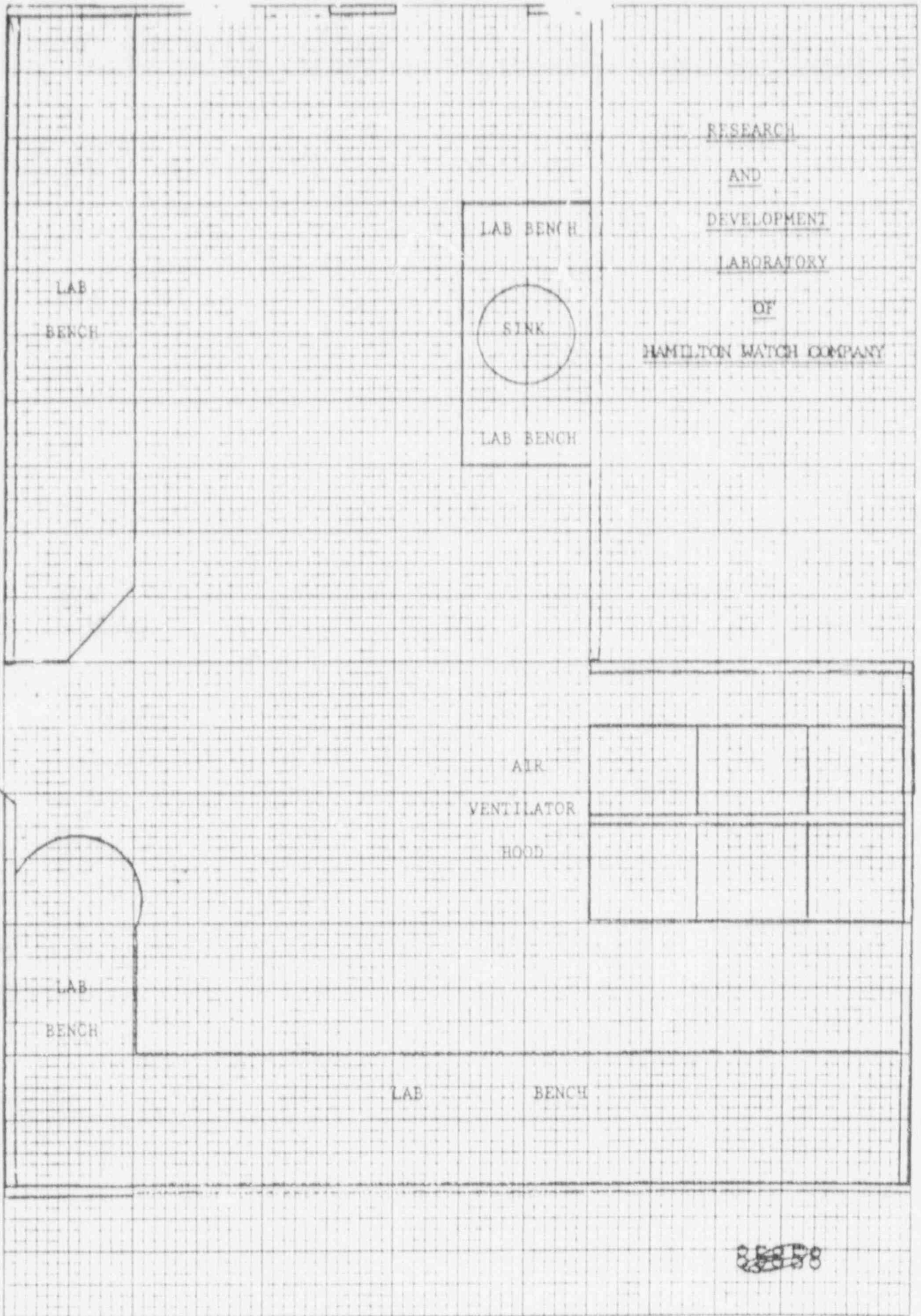
The Radiation Protection Program of Hamilton Watch Co., R & D Division, will be based on use of a Tritium Air Monitor (Betatec Model 210). Receiving and Assembly areas are monitored and have safe hoods for assembly and inspection. All parts containing sources will be stored in cabinets that are exhausted and monitored.

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WINDOW

WINDOW



RESEARCH
AND
DEVELOPMENT
LABORATORY
OF
HAMILTON WATCH COMPANY

LAB
BENCH

LAB BENCH

SINK

LAB BENCH

AIR
VENTILATOR
HOOD

LAB
BENCH

LAB BENCH

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