



HAMILTON WATCH CO., INC.

LANCASTER, PENNSYLVANIA 17604 U.S.A. (717) 394-7161

March 30, 1979

Mr. Nathan Bassin
Radioisotopes Licensing Branch
Division of Fuel Cycle & Material Safety
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

OUR REF: TLQ 5½, CHRONO

Dear Mr. Bassin:

Enclosed find our application to amend Hamilton Watch Company's current watch license application #37-03572-07E. Please handle this document on an expeditious basis, since it is vital to Hamilton's operation to start distribution of these watches June 1, 1979. If there are any questions, please call me immediately as time is a major factor to us.

This application is intended to amend Hamilton Watch Company's current watch license application #37-03572-07E, to include the transfer of Hamilton's timepiece type TLQ IX, 9858-C and TLQ IX, 9858-5½, containing tritium gas excited luminous sources supplied by American Atomic's model tube #60328. This license application refers to our initial license application #37-03572-07E. The purpose of this amendment is to allow Hamilton Watch Company to distribute additional watches, namely type TLQ IX, 9858-C and TLQ IX, 9858-5½.

It should be noted that the Radiation Safety Officer followed a complete training course at American Atomics, Tucson, Arizona, in regard to handling of radioactive material.

File #89127, dated October 31, 1977, describing the principles and practices of radiation safety, instruction of personnel, calibration of equipment, qualifications of the safety officer, applies entirely to this license and has intentionally not been repeated.

File #89036, dated October 31, 1977, applies for this license with the exception of:

Question 1, Suncrux #DM-522-012-30A should read
Modulus #2020, 2050.

Question 3, Obsolete.

Question 4, Obsolete.

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Mr. Bassin

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Question 5, Obsolete.

Question 1, Page 2, Watch head model #98711 and 98731
should read TLQ IX, 9858-C and TLQ IX,
9858-5½.

Question 2, Page 2, Obsolete with the exception of skin
dose calculation.

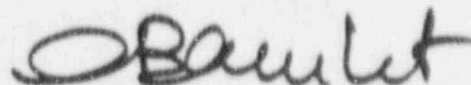
Prototype testing made by American Atomics on Hamilton part TLQ IX,
9858-C and TLQ IX, 9858-5½, are enclosed.

All safety evaluation and procedures, quality control procedures, remain the
same as license application #37-03572-07E.

Please call me at 717-394-7161, Ext. 130, if there are any questions.

Sincerely,

HAMILTON WATCH COMPANY



Olivier D. Barrelet
Mgr. Research & Development
Radiation Safety Officer

ODB/1aj

Encls.