

SEP 19 1977

FCMS:RLB:FC
(89127)

Hamilton Watch Company, Inc.
ATTN: Mr. Olivier D. Barrelet
941 Wheatland Avenue
Lancaster, PA 17604

Gentlemen:

This refers to your application dated July 29, 1977, for amendment to License No. 37-03572-06 to authorize the receipt of electronic watch modules containing tritium and assembly of watches containing tritium.

Your application indicates that you will conduct a training program for workers concerning radiation hazards. Your application should be supplemented with a specific description of the course to be provided to your workers. Your application should also indicate the identity and pertinent qualifications of the individual who will provide the training courses. As a minimum, we require that the individuals be trained in the following topics:

1. The principles and practices of radiation safety.
2. Safe methods of performing work.
3. Procedures and precautions to minimize exposures and contamination.
4. Health hazards associated with handling tritium.
5. Your specific procedures which involve handling tritium sources.

Your application indicates that you will use a Betatec Model 210 tritium air monitor. Please supplement your application with the following information:

1. The occasions for use of a radiation monitor.
2. The frequency and occasions for testing the monitor for proper operation.
3. The tritium concentration at which the monitor's alarm will be set.
4. The frequency, occasions, procedures, and equipment for calibrating the monitor. Your application should also identify and provide the

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pertinent qualifications of the individual who will calibrate the monitor.

Please supplement your application with specific procedures for handling damaged or broken modules. You should also describe your procedures for action in the event of damage or breakage to the tritium source in the assembly area and the airborne tritium concentration at which reentry into the area is permitted.

We shall continue review of your application upon receipt of the above information, in duplicate.

Sincerely,

Frederick Combs
Radioisotopes Licensing Branch
Division of Fuel Cycle and
Material Safety

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