



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

August 15, 2000

Lawrence Lussier
Advanced Detection Technologies, Inc.
5 Old Town Park Rd.
South End Plaza, Unit 28
New Milford, CT 06776

**SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR AMENDMENT TO
REGISTRATION CERTIFICATE NR-0149-D-101-E**

Dear Mr. Lussier:

This is in reference to your letter dated November 3, 1998, requesting amendment to your registration certificate, NR-149-D-101-E. We are in the process of evaluating your request. In order to continue our review, we need the following additional information:

1. In order to complete the information contained in your file, please provide a copy of your correspondence dated November 21, 1991, and July 29, 1991.
2. Provide a report of the number of products sold per year, since your last transfer report (or since initial registration, if you have not submitted a previous transfer report to the NRC). The report should be broken down by model number (303-2160, 313-2180, and 312-2280).
3. Provide (1) current engineering drawings for all models illustrating assembly methods, and dimensions and tolerances for all components, and (2) simplified assembly drawings for all models suitable for insertion into the registration certificate (8.5" x 11" or smaller).
4. Confirm that no changes have been made to the model design and distribution. If there have been changes, provide descriptions of the change, along with any supporting documentation to support review of the change (ex., drawings, prototype testing, copies of new users or QA manuals). Confirm that the conditions of use remain the same as previously submitted, or provide corrected information.
5. Provide for all models the dimensions used for labeling.
6. Provide a list of any services that you will continue to provide to users of the products. If you will not be providing any services, provide a list of any other entities that you are aware of that will provide services.

Please refer to NRC's NUREG-1556, Volume 3, for additional information regarding the type of information that would fully address these items. NUREG-1556, Volume 3, can be found on NRC's website (www.nrc.gov).

Please submit the requested information within thirty days of the date of this letter. If we have not received complete information within thirty days of the date of this letter, we will consider your application as having been abandoned by you. This is without prejudice to the submission of a complete application. If you have any questions, please contact me at (301) 415-5787 or Dr. John Jankovich at (301) 415-7904.

Sincerely,

/RA/

Michele L. Burgess, Mechanical Engineer
Materials Safety and Inspection Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

L. Lussier

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Sincerely,

/RA/

Michele L. Burgess, Mechanical Engineer
Materials Safety and Inspection Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

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