



# SEILER

INSTRUMENT & MANUFACTURING COMPANY, INC.

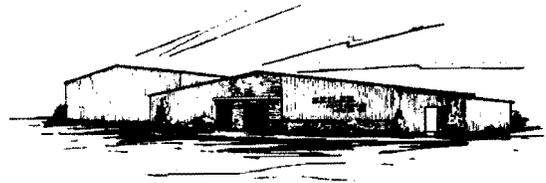
170 East Kirkham Avenue

St. Louis, Missouri 63119-1791 USA

1-800-489-2282

314-968-2282

Fax: 314-968-2637



US NUCLEAR REGULATORY COMMISSION

Region III

801 Warrenville Road

Lisle IL 60532-4351

July 22, 1996

ref. control # 301-587

additional information to replace letter July 9, 1996

Dear Mr. Hueter,

Thank you for taking the time to work with me on our requested amendment. As we discussed, please review the following for acceptance into our Radiation Safety Program.

Section 6B add "Hydrogen-3"

Section 7B add "Gas in Sealed Source"

Section 8B add "No single source to exceed 10.2 curies"

"Total possession not to exceed 15,000 curies"

Section 9B add "To receipt, storage, and removal of sources from Optical Fire Control Instrument and/or spares parts from licensed facilities."

Section 10 add "Licensed material to be used at 170 East Kirkham Avenue, St. Louis, Missouri; and the building containing the address #44 Kirkham Industrial, St. Louis, Missouri"

It is our intention to assist the US Government in removing tritium in their Fire Control Instruments and spare parts and replace them with non-radioactive light sources. To accomplish this task we will have to set-up a receiving area in the building behind our current Radiation Room and perform an in-coming inspection on the units that our customer sends in for conversion. We will operate the new radiation room under the same Radiation Safety Program that has been described in license condition 15 of amendment 9 to license 24-24451-01. The new area will be a "Restricted" area under this program.

Upon receiving the units we will perform a receiving inspection and wipe test on the units and separate any unit(s) that exceed approved action levels as defined in our program. Then units will be placed in a vented/hooded area and the instrument will be opened to remove the sealed source(s). The sealed sources will be stored in a secured and vented area till proper disposal can be arranged to a licensed facilities. After removal of the tritium sources we will also remove all Radiation markings and tags from the instruments and parts. A final wipe test will be conducted on the instruments before they are released to other work areas to assure that safety is not compromised. Air monitoring shall be conducted as defined in our Safety Program. The hood enclosure shall be designed and installed to comply with the air monitoring action levels we defined in our Safety Program.



RECEIVED

JUL 26 1996

REGION III

PM: 7-23-96

JUL 26 1996

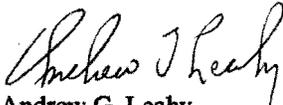
Weekly room wipes and bi-weekly bio-assays will be performed as defined in our Safety Program.

Please note that in Section 7B we are asking that the units NOT be limited to Saunder Roe and Mb-Microtec lamps due to the fact we may not be able to identify who the original manufacture of the lamps were; nor can the US Government. Our hope is to safely remove these sources from military use and replace with safer and more reliable non-radioactive lighting means.

Thank you for taking the time to work with me on this request. It is our hope that this matter can be expedited to assist the US Government and their needs in the field.

If there are any further concerns, please contact me at the above number.

Sincerely,  
Seiler Instr & Mfg Co Inc

  
Andrew G. Leahy  
Radiation Safety Officer

attachment