

# robin

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RADIOLOGICAL  
HEALTH UNIT

Ms. Carol Connell, Chief  
Radioactive Materials Unit  
Radiological Health Section  
G.M.H.I. Room 425-South  
1256 Briarcliff Rd NE  
Atlanta, Ga. 30306

August 22, 1984

Dear Ms. Connell:

Please amend the letter dated May 19, 1984 to Mr. William L. Slocumb, requesting permission to distribute devices containing radiation sources as follows. The application should include a request to permit storage and distribution of the following radiation sources:

<u>SOURCE</u>	<u>MAX ACTIVITY</u>	<u>NRC MODEL</u>	<u>MAX AUTHORIZED ACTIVITY</u>
Fe-55	20 mCi ✓	✓ IECD.2	200 mCi
Pm-147	250 mCi ✓	✓ PHC.C1	1000 mCi
Kr-85	400 mCi ✓	✓ KAC.D4	1600 mCi
Sr-90	20 mCi ✓	✓ SIC.LN SIC.L4	200 mCi

The following changes to our Application for Health and Safety Review and Registration of Devices Containing Radioactive Materials and the Operators Manual for the Robin/Lippke Model 4012/8012 System Device Models MV-KR, MV-SR, MV-PM and MV-FE have been made at the request of Mr. William Slocumb. Also please find enclosed a copy of our Field Service Radiation Safety Procedures.

1. NRC approval has been granted for all sources. However, the NRC has not made available the evaluation sheets for Sr-90 or Pm-147 due to a back-log in their typing pool. These sheets will be supplied when received.

2. A copy of the final version of the device label is included. The application has been changed to note that the radiation symbol will be magenta on a yellow background.

3. The application has been changed to note that in the event of a web break, the device housing window could possibly be ruptured in the worst possible event, but any paper or plastic film entering the collimator could not interfere with the operation of the shutter mechanism or affect the integrity of the source capsule. (Page 10)

4. The application has been changed to verify that all leak test results will be reported in microcurie quantities. (Page 12)

5. The application has been changed to require the Field Service

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Engineer to perform a gross survey of the leak test smear prior to storage. (Page 13)

6. The threshold limit for the detector is 0.5 mRem/hour. (Page 15)

7. A form for reporting shutter test results and radiation survey results has been included with the Field Service Radiation Safety Procedures.

8. The application has been changed to state that customers are not required to contract with Robin for leak tests, etc. but can utilize any person Specifically Licensed by the NRC or an Agreement State.

9. The Emergency Procedures have been simplified.

Sincerely,



Gary L. Caines,  
Radiation Safety Officer