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RADIOLOGICAL
HEALTH UNIT

September 18, 1984

Mr. William L. Slocumb
Radiological Health Section
Georgia Department of Human Resources
1256 Briarcliff Road
Atlanta, Georgia 30306

Dear Mr. Slocumb:

This letter is in response to your questions concerning the operation of the release clutch on the Robin/Lippke Model 4012/8012 System during our telephone conversation this date.

As stated in the Health and Safety Review and the Owners Manual, the customer is not permitted to separate the two scanning plates by releasing the clutch. In the event that a customer does disengage the clutch there are safety features built into the system as a safe-guard. If the clutch is released while the system is operating, a micro-switch causes the shutter to immediately close. If the system is turned off prior to releasing the clutch, the scanning plates containing the devices automatically retract into the garage position which automatically opens another micro-switch preventing the shutter from being opened. In this position, with the clutch released, one would have to reach inside the garage and manually pull the two scanning plates in order to separate them.

There is no reason why the operator would ever have to release the clutch. Additionally, with the two scanning plates separated the maximum radiation dose rate is only 35 mRem/hour and that is in contact with the collimator window with the largest source installed.

Based on the safety features installed and operating requirements I believe the system is basically a very safe device and considerably safer than competitor's equipment.

Sincerely,



Gary L. Caines,
Director of Technical Services

Robin Process Management Systems Corp.

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