

DML:IB:JMB

MAY 14 1969

Hewlett Packard
Avondale Division
Route 41
Avondale, Pennsylvania 19311

Attention: Mr. M. B. Whittier
Radiation Safety Officer

Gentlemen:

Your Model 7620 gas chromatographic system and the changes to your Model 700 gas chromatographic system described in your April 8, 1969, letter are acceptable for licensing purposes.

Also, should you desire to modify existing gas chromatographic systems to include the proportional temperature controller it will not be necessary that you notify us of each system model number to be so modified since we do not license by system model number.

One item we wish clarification on concerns the variation of temperature within the detector. It is not clear to us that the thermal switch is sensitive to the highest temperature within the detector (which may be at the foil source) when the heater is being used to attempt a relatively rapid increase in the detector temperature. In other words, it appears that perhaps the thermal switch sensing element may be at a point within the detector temperature gradient such that it may not sense an excessive temperature in the foil until sometime after the foil has been overheated. Please clarify.

Sincerely,

bcc: Std. Br. Distr.
Sealed Source Files

James C. Malaro
Isotopes Branch
Division of Materials
Licensing

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