

JUL 12 1985

License No. 06-19165-01
Docket No. 030-17073
Control No. 02241

Fischer Technology, Inc.
ATTN: Andy Soncha
750 Marshall Phelps Road
Windsor, Connecticut 06095

Gentlemen:

This is in reference to your request in a letter dated June 28, 1985 to review License No. 06-19165-01. In order to continue our review, we need the following additional information:

1. Item I., Constants Used for Calculations, of your Sample Calculation states that the conversion factor for one microcurie is 22.2×10^4 disintegrations per minute. Please provide the correct conversion factor since this value is incorrect.
2. Item III., Leak Test Activity Calculation, of your Sample Calculation states that Corrected counts equals the counts as displayed on the scaler divided by the efficiency. This calculation will produce the disintegrations per minute, provided you take a one minute count.
3. Item III., Leak Test Activity Calculation, of your Sample Calculation states the Conversion Factor to be " 22.2×10^6 Disintegrations/Min/ μ /Ci = .005 μ Ci". This conversion factor is also incorrect.

It is apparent from the review of your Sample Calculations that you are not prepared to analyze the results of the leak tests procedures. You should consider either having a person specifically authorized by the NRC or an Agreement State analyze your leak test or having additional training in radioactivity measurement and the calculations basic to the use radioactivity.

Please provide corrected sample calculations and evidence you have received additional training or provide the name of the individual who will analyze your leak test samples.

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
We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 02241.

Sincerely,

Original Signed By:
Jack Davis

Jack Davis
Nuclear Materials Safety Section A
Division of Radiation Safety
and Safeguards

cc: Goodman, Rosenthal & McKenna. P.C.
ATTN: Edward F. Rosenthal
60 Washington Street
Hartford, Connecticut 06106

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