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DOW

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THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640

March 3, 1972

Mr. Nathan Bassin
Materials Branch
Division of Materials Licensing
United States Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Bassin:

This is in reply to your letter of November 16, 1971, concerning our application for amendment of License Number 21-00265-04.

Emergency procedures have been rewritten to eliminate reference to an emergency dose limit. A copy is enclosed.

A statement has been added to both the operating procedure and the inspection and maintenance programs to instruct persons on what to do in the event of malfunction or damage. Copies of the revised documents are enclosed.

You mentioned that the emergency procedures dated August 30, 1971, appear to be different than the current procedures. The August 30 revision replaced the older emergency procedures and will now be replaced by the 1972 revised procedures. The documents enclosed with this letter are the current operating, emergency, and inspection and maintenance procedures for the cobalt source.

We do request amendment of License Number 21-00265-04 to permit exchange of sources by Dow personnel. Exchanges will be made, using a Tech/Ops Model 416 transport container and exchange mechanism. The operation will be performed by the Radiographer supervisor or a Senior Radiographer, under the supervision of a qualified Health Physicist. It is anticipated that the individuals

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Mr. Bassin

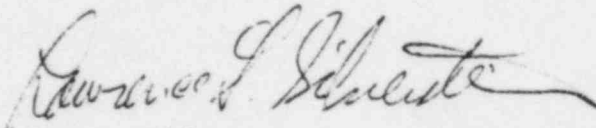
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will be Harry Field, Welding Engineering Supervisor, and Lawrence G. Silverstein, Certified Health Physicist. The procedure itself is described in an enclosure to this letter.

I believe that all of the points raised in your letter have been satisfied. If further questions arise, please contact me and I will provide a more timely reply.

Sincerely,



L. G. Silverstein
for H. R. Hoyle, Chairman
Radiation Safety Committee
Chemical Biology Research
1701 Building
A/C 517 636 2377

LGS:sjl/enclosures

cc: H. R. Hoyle
H. Field

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