

CRANE

MIDWEST FITTINGS

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June 18, 1985

Mr. John R. Madera
Material Licensing Section
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

REFERENCE: Mail Control No. 15450
License No. 24-00563-02

Dear Mr. Madera:

In reply to your letter dated April 19, 1985, the following additional information and clarification of our application for renewal of License No. 24-00563-02 is being submitted.

ITEM 1 -- QUALIFICATIONS

SECTION II, "RESPONSIBILITY AND SUPPORTING DATA".

Paragraph 1.1 has been revised to eliminate the direct responsibilities Mr. David F. Betz had in our Radiation Protection Program. This paragraph now reads as follows:

"1.1 The responsibility for the over-all nondestructive testing operations shall rest with the Quality Assurance Department of Crane Midwest Fittings under the direction of Mr. David F. Betz, Manager Quality Assurance. The responsibility for the Radiation Protection Program shall rest with Mr. George W. Eckert, Superintendent of Quality Assurance."

Mr. Thomas D. Voss is no longer employed by Crane Midwest Fittings and his name has been deleted. Mr. George A. Mann is no longer employed by Crane Midwest Fittings and his name has been deleted. Upon the resignation of Mr. Voss, Mr. Joseph J. Mueller, Superintendent of Quality Control assumed the duties of supervising the NDT Department and assists Mr. Eckert in the above responsibilities.

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ITEM 2 - - EMERGENCY PROCEDURES

SECTION III, "OPERATING AND EMERGENCY PROCEDURES"

Since our Radiation Safety Officer does not have any formal training in the retrieval of a lost source, his responsibilities to retrieve the source has been deleted and Paragraph 2.4 has been revised to include the following:

"Contact manufacturer of source (Technical Operations) and make arrangements to have qualified personnel retrieve source and place in exposure device."

ITEM 3 -- TRAINING

SECTION I, "TRAINING"

Paragraph 4.2.2 has been revised to show that each radiographer will receive a total of 520 hours of on-the-job training before being certified as a radiographer.

ITEM 4 - SURVEYS

Since construction of our new Gamma-ray cell is not complete at this time, Crane Midwest Fittings is requesting a 60 day reply extension.

ITEM 5 -- DEVICE SURVEYS

SECTION III, "OPERATING AND EMERGENCY PROCEDURE", APPENDIX A

Paragraph 2.12 has been revised as follows to indicate a reference point on our exposure device for taking survey readings.

2.12 With source in the shielded position, radiation levels at the surface of the device could vary as follows:

A. Tech/Ops Gamma-Ray Projector, Model No. 491, Serial No. 36

With survey meter in intimate contact with lower half of yellow name plate, radiation level should be between 50 and 80 mr/hr when Cobalt-60 source is in the shielded position.

B. Tech/Ops Gamma-Ray Projector, Model No. 520, Serial No. 32

With survey meter in intimate contact with the yellow name plate on face of projector, radiation level should be between .1 and 1 mr/hr when Cobalt-60 source is in the shielded position.

C. Tech/Ops Gamma-Ray Projector, Model No. 412, Serial No. 17

With survey meter in intimate contact with the yellow name plate, radiation level should be between 100 and 200 mr/hr when Iridium-192 source is in the shielded position.

Zero radiation levels could indicate that the source did not return to the stored position.

ITEM 6 -- LOCATIONS OF USE

Since construction of our new Gamma-Ray cell is not complete at this time, Crane Midwest Fittings is requesting a 60 day reply extension. However, it is our intention to perform radiography at the 1450 South Second Street location only. ?

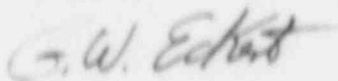
ITEM 7 -- MATERIAL TO BE PROCESSED

Tech/Ops exposure device Model 489 for use with Iridium-192 had been active for several years. The Iridium-192 which was utilized in this device has been returned to Tech/Ops for disposal. There are no plans to re-activate this exposure device in the near future. ✓

Tech/Ops Exposure Device Model 741 for use with Cobalt-60 has never been purchased and therefore should be deleted from our license.

Yours truly,

CRANE MIDWEST FITTINGS



G. W. Eckert
Radiation Protection Officer

cc w/att: J. F. Bringer
W. T. Prosser
E. H. Gerhard
D. F. Betz
J. J. Mueller