UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS
P. O. BOX 8361, SOUTH CHARLESTON, W. VA. 25303

June 11, 1973

Mr. Robert E. Brinkman
Isotopes Branch
Division of Materials Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Brinkman:

This letter is an application for an amendment to A.E.C. License 47-00260-02 and 47-00260-09. Please amend Condition 12 of License 47-00260-02 to read: "ByProduct material shall be used by or under the supervision of B. W. DuVall, C. R. Landfried, R. V. Sealey, W. S. Kennedy, M. E. Cavender, M. L. Green, or J. A. Boggess."

Please amend Condition 12 on License 47-00260-09 to read: "ByProduct material shall be used by, or under the supervision of R. V. Sealey, C. R. Landfried, B. W. DuVall, W. S. Kennedy, M. E. Cavender, M. L. Green, or J. A. Boggess."

Mr. Sealey, Dr. DuVall, Mr. Kennedy, Mr. Cavender, and Mr. Landfried are currently listed as users or authorized handlers of ByProduct material on License 47-00260-02 and 47-00260-09. Their training and experience are presently on file with your agency. Attached are current listings of M. L. Green and J. A. Boggess's training and experience.

In addition, could you please include in our mailing address the notation "Attention B. W. DuVall."

Your assistance in this matter will be greatly appreciated.

Sincerely yours,

B. W. DuVall

B. W. DuVall
Measurement & Control Technology
CHEMICALS AND PLASTICS

BWD/ut

Attachments

COPIES SENT TO COMPLIANCE

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SUPPLEMENTAL ATTACHMENT

Item 8 M. L. Green

TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB		FORMAL COURSE	
a. Principles and practices of radiation protection	University of Ky.	9 months	Yes	(No)	(Yes)	No
	University of Ky.	3 months	(Yes)	No	Yes	(No)
	Mound Lab. (AEC)	39 months	(Yes)	No	Yes	(No)
	University of Cin.	8 months	Yes	(No)	(Yes)	No
	Union Carbide Corp.	34 months	(Yes)	No	Yes	(No)
b. Radioactivity measurement standardization & monitoring techniques & instruments	Univ. of Kentucky	9 months	Yes	(No)	(Yes)	No
	Univ. of Kentucky	3 months	(Yes)	No	Yes	(No)
	Mound Lab. (AEC)	39 months	(Yes)	No	Yes	(No)
	Univ. of Cincinnati	8 months	Yes	(No)	(Yes)	No
	Union Carbide Corp.	34 months	(Yes)	No	Yes	(No)
	Battelle Columbus Labs	24 months	(Yes)	No	Yes	(No)
c. Mathematics & calculations basic to the use & measurement of radioactivity	Univ. of Kentucky	9 months	Yes	(No)	(Yes)	No
	Univ. of Cincinnati	8 months	Yes	(No)	(Yes)	No
	Union Carbide Corp.	34 months	(Yes)	No	Yes	(No)
	Battelle Columbus Labs	24 months	(Yes)	No	Yes	(No)
d. Biological effects of radiation	Univ. of Kentucky	5 days	Yes	(No)	(Yes)	No
	Mound Lab (AEC)	39 months	(Yes)	No	Yes	(No)

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SUPPLEMENTAL ATTACHMENT

Item 9 M. L. Green

Isotope	Maximum Amount	Where Experience Gained	Duration of Experience	Type of Use
U^{238}	kilograms	University of Kentucky	3 months	Sub-Critical Reactor
Classified	classified	Monsanto Research Corp.	39 months	Classified
Cs^{137}	curies	Union Carbide Corp.	34 months	Gauging
Ra^{226}	mc	Union Carbide Corp.	34 months	Gauging
Xe^{133}	mc	Union Carbide Corp.	34 months	Tracer
Cs^{137}	mc	Union Carbide Corp.	34 months	Tracer

SUPPLEMENTAL ATTACHMENT

Item 8 J. A. Boggess

TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB	FORMAL COURSE
a. Principles and practices of radiation protection	Union Carbide Corp.	8 years	(Yes) No	Yes (No)
	Union Carbide Course For Training RPO	40 hours	(Yes) No	(Yes) No
	Army CBR Training Ft. Eustis	2 weeks	Yes (No)	(Yes) No
b. Radioactivity measurement standardization & monitoring techniques & instruments	Union Carbide Corp.	8 years	(Yes) No	Yes (No)
	Union Carbide Course For Training RPO	40 hours	(Yes) No	(Yes) No
	Army CBR Training Ft. Eustis	2 weeks	Yes (No)	(Yes) No
c. Mathematics & calculations basic to the use & measurement of radioactivity	Union Carbide Corp.	8 years	(Yes) No	Yes (No)
	Union Carbide Course For Training RPO	40 hours	(Yes) No	(Yes) No
	Army CBR Training Ft. Eustis	2 weeks	Yes (No)	(Yes) No
d. Biological effects of radiation	Union Carbide Corp.	8 years	(Yes) No	Yes (No)
	Union Carbide Course For Training RPO	40 hours	(Yes) No	(Yes) No
	Army CBR Training Ft. Eustis	2 weeks	Yes (No)	(Yes) No

SUPPLEMENTAL ATTACHMENT

Item 9 J. A. Boggess

Isotope	Maximum Amount	Where Experience Gained	Duration of Experience	Type of Use
Cs^{137}	curies	Union Carbide Corp.	8 years	Density & Level Gauge, Tracer
Co^{60}	curies	Union Carbide Corp.	8 years	Density & Level Gauge
Ra^{226} & daughters	mc	Union Carbide Corp.	8 years	Density & Level Gauge , R&D
C^{14}	mc	Union Carbide Corp.	3 years	R&D Tracer
H^{3}	mc	Union Carbide Corp.	3 years	Tracer
Xe^{133}	mc	Union Carbide Corp.	3 months	Tracer
Kr^{79}	mc	Union Carbide Corp.	3 months	Tracer
Sr^{90}	mc	Union Carbide Corp.	8 years	R&D
Au^{198}	mc	Union Carbide Corp.	1 year	Tracer
I^{131}	mc	Union Carbide Corp.	3 months	Tracer
Cs^{131}	mc	Union Carbide Corp.	3 months	Tracer
Rb^{86}	mc	Union Carbide Corp.	3 months	Tracer

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