



UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS

P. O. BOX 8361, SOUTH CHARLESTON, W. VA. 25303

June 29, 1971

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

Dear Mr. Brinkman:

Following your suggestion in our phone conversation of June 28, 1971, this is a request to change the name of the Radiation Protection Officer on two of our licenses. On license applications 47-00260-02 and 47-00260-09, the name currently listed under Item 5 is Mr. Fred Williams. We would like to amend this to read "Dr. Bruce W. DuVall, or in the case of his absence, Mr. C. R. Landfried" on both license applications. Dr. DuVall and Mr. Landfried are currently listed as users on both licenses. Attached are current listings of their training and experience.

Your assistance in this manner will be greatly appreciated.

Sincerely yours,

Bruce W. DuVall

Measurement & Control Technology
CHEMICALS AND PLASTICS

BWDuVall/ut

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SENT TO COMPLIANCE

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6
FOIA 2007-0179

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SUPPLEMENTAL ATTACHMENT

Item 8

C. R. Landfried

TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB		FORMAL COURSE	
a. Principles and practices of radiation protection	Union Carbide Olefins Division	13 years	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Yes	<input type="radio"/> No
b. Radioactivity measurement standardization & monitoring techniques & instruments	Union Carbide Olefins Division	13 years	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Yes	<input type="radio"/> No
c. Mathematics & calculations basic to the use & measurement of radioactivity.	Union Carbide Olefins Division	13 years	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Yes	<input type="radio"/> No
d. Biological effects of radiation	Union Carbide Olefins Division	13 years	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Yes	<input type="radio"/> No

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SUPPLEMENTAL ATTACHMENT

Item 9

C. R. Landfried

Isotope	Maximum Amount	Where experience gained	Duration of Experience	Type of Use
Cs ¹³⁷	Curies	Union Carbide Corp.	13 years	Density & Level Gauge Tracer
Co ⁶⁰	Curies	Union Carbide Corp.	13 years	Density & Level Gauge
Ra ²²⁶ & daughters	mc	Union Carbide Corp.	13 years	Density & Level Gauge R & D
Cl ¹⁴	mc	Union Carbide Corp.	5 years	R & D Tracer
H ³	mc	Union Carbide Corp.	5 years	Tracer
Xe ¹³³	mc	Union Carbide Corp.	9 months	Tracer
Kr ⁷⁹	mc	Union Carbide Corp.	2 months	Tracer
Sr ⁹⁰	mc	Union Carbide Corp.	13 years	R & D

Mr. Landfried has also taught informal courses for Union Carbide Corporation concerning the material listed in Items 8a, 8b, and 8c.

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SUPPLEMENTAL ATTACHMENT

AEC-313

Dr. B. W. DuVall

Item 8

TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB	FORMAL COURS
a. Principles and Practices of radiation protection	Union Carbide Chemicals and Plastics Div.	1 Year	<input checked="" type="radio"/> Yes <input type="radio"/> No	Yes <input type="radio"/> No
b. Radioactivity measurement standardization & monitoring techniques & instruments	Union Carbide Chemicals and Plastics Div.	1 Year	<input checked="" type="radio"/> Yes <input type="radio"/> No	Yes <input type="radio"/> No
c. Mathematics & calculations basic to the use & measurement of radioactivity.	Union Carbide Chemicals and Plastics Div.	1 Year	<input checked="" type="radio"/> Yes <input type="radio"/> No	Yes <input type="radio"/> No
	Wichita State University	9 months	Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
	U. of Virginia	4 months	Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
d. Biological effects of radiation	Union Carbide Chemicals and Plastics Div.	1 Year	<input checked="" type="radio"/> Yes <input type="radio"/> No	Yes <input type="radio"/> No

Educational History

DEGREE	COLLEGE OR UNIVERSITY	DATE ACQUIRED	MAJOR
B.A.	Wichita State University	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>	Physics
M.S.	Wichita State University		Physics
PhD	University of Virginia		Physics

Item 9 - Where Experience Gained

Isotope	Maximum Amount	Where Experience Gained	Duration of Experience	Type of Use
Po ²¹⁰ Be	Curies	Union Carbide Corp. Chemicals & Plastics Div.	1 Year	Testing steel vessels for carbon buildup
Cs ¹³⁷	mc	Union Carbide Corp. Chemicals & Plastics Div.	1 Year	Gauging
Am ²⁴¹ Be	Curies	Union Carbide Corp. Chemicals & Plastics Div.	1 Year	Gauging
Ra ²²⁶	mc	Union Carbide Corp. Chemicals & Plastics Div.	1 Year	Research & Development

(b)(6)