



CATALYTIC, INC.

CENTRE SQUARE WEST, 1500 MARKET ST., PHILADELPHIA, PA. 19102
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24 March 1981

Mr. James A. Jones
Materials Licensing Branch
Div. of Fuel Cycle and Material Safety
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: License No. 37-12931-03

Dear Mr. Jones:

This letter serves as notification of the change of responsibility of Radiation Safety Officer from John P. Andrews to myself. Mr. Andrews resigned his position with Catalytic, Inc. on 20 March 1981.

I am including a copy of my resume and those of Mr. James F. Duplissey and Mr. Barry Scott Davidson for consideration. Messrs. Duplissey and Davidson will be Assistant Radiation Safety Officers.

Please address all future correspondence regarding this license to:

Gerald S. Levine, CHP
Radiation Safety Officer
Manager of Health Physics
Catalytic, Inc.
1500 Market Street, CSW-12
Philadelphia, PA 19102

Very truly yours

Gerald S. Levine
Radiation Safety Officer

GSL:cw

Enclosures

cc: L. Newhart
L. Knox
R. Klingaman
W. Ruemeli

U. LaMay
J. Titano
J. Duplissey
B. Davidson

G. Levine
License File

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GERALD S. LEVINE
301 S. 19th Street
Philadelphia, PA 19103

(215) 985-9173

MANAGER OF HEALTH PHYSICS/RSO

Responsible for the management of all health physics activities of Catalytic, Inc. and for the health physics interface between the client and Catalytic. This includes the review of all engineering work relating to radiation protection, review of detailed work procedures involving radioactivity, supervision of radiation protection training activities and field health physicists, and development of the corporate health and safety program.

Training in Radiation Safety

Preparation Course for
ABHP Certification Exam

Greater New York Chapter HPS, 1976
(16 two hour sessions weekly - 15 weeks)

Health Physics

Georgia Institute of Technology, 1978
80 Classroom hours

Experience

Seven years as head of radiation calibration facility - Brookhaven National Laboratory including 10 and 50 Ci collimated ^{60}Co sources, millicurie strength ^{60}Co , ^{137}Cs free air sources, Ci strength neutron sources. Fifteen years experience with sealed sources, accelerator radiation beams, fields and radiation measurement, instrument development. More than twenty years experience with virtually all aspects of applications of radiation and radiation protection at Brookhaven National Laboratory.

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JAMES F. DUPLISSEY
HEALTH PHYSICS COORDINATOR/ ASSISTANT RSO

EDUCATION:

Holyoke Junior College

Various College Courses

AFFILIATIONS:

Health Physics Society
American Public Health Association

EXPERIENCE:

Mr. Duplissey is currently serving as a Health Physics Technician at Catalytic's ongoing maintenance assignment for Public Service Electric and Gas at their Salem Nuclear Generating Station. On all Catalytic projects, Mr. Duplissey is responsible for ensuring that the work is performed according to Salem rules and procedures governing radiation exposure safety, as well as industrial safety.

Previous field assignments as a Health Physics Technician for Catalytic have included maintenance assignments for Baltimore Gas and Electric at Calvert Cliffs Nuclear Station, and Connecticut Yankee. Another Catalytic project on which Mr. Duplissey served was the decommissioning of Philadelphia Electric's Peach Bottom Unit No. 1, a High Temperature Gas Reactor.

Previous experience with The Electric Boat Company was as an instructor for radiation workers. He also served as Personnel Dosimetry Technician and Radiological Control Monitor at the Shippingport maintenance site.

Prior to this, with the Morrison-Knudsen Company, Mr. Duplissey served as Radiological Control Monitor, Dosimetry Supervisor and was trained as Industrial Radiography Radiation Safety Officer.

With Nuclear Engineering Company, Mr. Duplissey was the Foreman and Radiation Safety Officer for their Kearney, New Jersey facilities and was responsible for radioactive waste disposal and decontamination services.

BARRY SCOTT DAVIDSON
747 S. 2nd Street, Apt. 2B
Philadelphia, PA 19147

HEALTH PHYSICS ENGINEER/ASSISTANT RADIATION SAFETY OFFICER

Mr. Davidson is currently responsible for revising the radiography license, performing audits on radiographic operations and implementing corrective action when necessary. He ensures compliance with NRC, DOT and State requirements regarding the safe use of radioisotopes in NDE applications and ensures that new requirements are incorporated into the program in a timely manner. He recently was involved in writing a health physics manual for a decontamination and decommissioning project at a former Rare Earths facility.

Formal Training Radiation Safety

<u>CATEGORY</u>	<u>WHERE RECEIVED</u>	<u>DURATION</u>	<u>WHEN</u>
a) Principles & Practices of Radiation Protection	Rutgers Univ. (MS) New Brunswick, NJ	One Year	1973 - 1974
	Charleston Naval Shipyard Charleston, SC	Two Weeks	May 1978
b) Radioactivity Measurement, Standardization and Monitoring Techniques and Instruments	Rutgers Univ. (MS)	One Year	1973 - 1974
	Charleston Naval Shipyard	Two Weeks	May 1978
c) Mathematics and Calculations basic to the use and Measurement of Radioactivity	Rutgers Univ. (MS)	One Year	1973 - 1974
	Charleston Naval Shipyard	Two Weeks	May 1978
d) Biological Effects of Radiation	Rutgers Univ. (MS)	One Year	1973 - 1974
	Charleston Naval Shipyard	Two Weeks	May 1978
e) Radiography: Charleston Naval Shipyard Course Plan YE;0803; Initial Training for NRC Radiographer's Assistant	Charleston Naval Shipyard Charleston, SC	One Week	January 1979

Experience

<u>WHERE OBTAINED</u>	<u>WHEN</u>	<u>RADIOISOTOPES</u>	<u>USE</u>	<u>MAXIMUM ACTIVITY</u>
Salem NPS Hancocks Bridge, NJ	10/80 - Present	¹⁹² Ir	Radiography	100 Ci
Beaver Valley NPS Shippingport, PA	6/80 - 9/80	Mixed Fission and Activation Products (MF & A/P)	Nuclear Power Generation (NPG)	n/a

Experience (Continued)

<u>Yankee Atomic Elec.</u>	<u>10/79 - 3/80</u>	^{137}Cs	Calibration	50 Ci
<u>Rowe, MA</u>		^{60}Co	"	15 mCi
<u>Charleston Naval Yard</u>	<u>4/78 - 10/79</u>			
<u>Charleston, SC</u>		^{192}Ir	Radiography	120 Ci
		^{60}Co	"	1200 Ci
		^{137}Cs	Calibration	120 Ci
		Ps-Be	"	5 Ci
		^{147}Pm	NDE	150 mCi
<u>U.S. Army ECOM</u>	<u>7/77 - 4/78</u>	^{60}Co	Hardening	108 kCi
<u>Ft. Monmouth, NJ</u>		^3H	Research	50 Ci
and mCi sources of	^{57}Co , ^{63}Ni , ^{226}Ra , and ^{241}Am .			
<u>Univ. of Illinois</u>	<u>10/75 - 4/76</u>	See	Research	Mostly mCi
<u>Chicago, IL</u>		Below		
Research use of	^{14}C , ^{32}P , ^{35}S , ^{45}Ca , ^{59}Fe , ^{67}Ga , ^{109}Cd , ^{125}I , ^{131}I , ^{198}Au and ^{203}Hg .			
<u>Hines VA Hospital</u>	<u>11/74 - 9/75</u>	See	Research &	μ to k Ci
<u>Chicago, IL</u>		Below	Therapy	
Kilocurie	^{60}Co , millicurie ^{90}Sr , ^{137}Cs and ^{226}Ra sources for Therapy.			
Microcurie sources of	^3H and 6 μg of ^{252}Cf for Research.			

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