



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

RECEIVED PUBLIC HEALTH SERVICE  
FOOD AND DRUG ADMINISTRATION  
ROCKVILLE, MARYLAND 20852

JAN 23 AM 11 03

REG.  
COMMISSION  
SECTION

January 23, 1980

Material Licensing Branch  
Division of Fuel Cycle and  
Material Safety  
US Nuclear Regulatory Commission

Gentlemen:

We request that Materials Licenses Numbers 19-07538-01,  
19-07538-03 and SNM-402, issued to the Bureau of Radio-  
logical Health, Rockville, MD be amended by substituting  
Mr. John C. Taschner for Mr. Caleb Kincaid as the Radiation  
Safety Officer. A copy of Mr. Taschner's resume is attached.

Sincerely,

Gail D. Schmidt, Chairman  
Radiation Safety Committee

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John Carroll Taschner  
18917 Alpenglow Lane  
Brookeville, Md. 20729

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Office: (301) 443-~~3426~~  
Home: (301) 774-2095

#### EDUCATION

Hemet Union High School Hemet, California	1944-1948	Diploma
Chaffey Jr. College Ontario, California	1948-1949	Pre-Veterinary Medicine
University of California Davis, California	1949-1952	Pre-Veterinary Medicine
San Jose State College San Jose, California	1952-1953	B.A. Degree Medical Technology Chemistry
University of Kansas Lawrence, Kansas	1964-1966	M.S. Degree Radiation Biophysics

#### CERTIFICATIONS

Certified Health Physicist - American Board of Health Physics,  
June 1973.

Certified Hazard Control Manager - International Hazard Control  
Manager Certification Board - May 1978

#### AWARDS

U.S. Air Force Commendation Medal - 1964  
U.S. Air Force Meritorious Service Medal - 1974  
U.S. Air Force Outstanding Unit Awards - 1963 and 1974  
Food and Drug Administration - Commendable Service Award - 1977

#### EXPERIENCE

Department of Health, Education, and Welfare  
Public Health Service  
Food and Drug Administration  
Bureau of Radiological Health  
Division of Compliance (HFX-460)  
5600 Fishers Lane  
Rockville, MD 20857

Period: October 1974 - Present

Position: Standards Consultant  
Standards and Regulations Branch

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Grade: GS-13/3

Salary: \$27,756/year

Responsible for coordinating the development of Federal standards and recommendations on the control of radiation emissions from electronic products under the authority of the Radiation Control for Health and Safety Act of 1968. Responsible for insuring that there is sufficient scientific basis to support the need for standards development and for preparing documentation reports, strategy documents, economic and environmental impact reports and FEDERAL REGISTER Notices relating to standards development.

Coordinates the review of radiation control standards and recommendations related to the Bureau's mission and those proposed by foreign, national, State radiation control agencies and voluntary standards-setting groups. Prepares position statements for the Bureau on standards and recommendations promulgated by radiation control agencies other than the Bureau of Radiological Health.

Chairman, Working Group on Amendments to the Diagnostic X-ray Equipment Performance Standard. This group is responsible for evaluating recommended amendments to the diagnostic x-ray equipment performance standard and for recommending, to the Bureau Director, the course of action to be taken regarding each recommendation.

Bureau representative to the Part E Working Group of the Suggested State Regulations for the Control of Radiation. This group is responsible for developing model regulations for industrial uses of radiation sources.

Duties are performed under the general supervision of the Chief, Standards and Regulations Branch, with a minimum of direct supervision.

United States Air Force, Europe  
4th Medical Service Squadron  
Wiesbaden Air Base, West Germany

Period: June 1970 - July 1974

Position: Health Physicist  
United States Air Forces, Europe

Rank: Lt. Colonel, USAF (Biomedical Sciences Corps)

Salary: \$22,144/year

Responsible for managing the Radiological Health Program for the U.S. Air Forces, Europe (USAFE) and for providing a Health Physics Consultation Service to all USAF Installations within the Command.

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These interrelated responsibilities included: (1) providing guidance to medical and industrial x-ray facilities concerning radiation safety and performing radiation surveys of the equipment and facilities; (2) monitoring the safe use of microwave ovens; (3) calibration of therapeutic x-ray machines; (4) consultation on license applications for the possession and use of radioactive materials; and (5) providing guidance concerning microwave radiation hazards associated with radar and telecommunication systems and performing radiation surveys of these systems.

Consultant in Radiological Health to the Command Surgeon, USAFE. Responsibilities consisted of providing advice and guidance to the Command Surgeon, USAFE on all matters related to radiological health.

Supervised one health physicist, one technician and one secretary. Indirectly supervised 13 bioenvironmental engineers and about 40 technicians located at some 35 installations throughout the Command.

Member, USAFE Disaster Response Force. Responsible for providing health physics consultation and support to the Command Disaster Response Force in all matters related to nuclear weapon accident contamination assessment and control.

Consultant to the National Aeronautics and Space Administration (NASA) in support of the Apollo/SNAP-27 Program and Senior Field Health Physics Supervisor for the Apollo/SNAP-27 Contingency Plan. These interrelated responsibilities involved providing radiological contamination control advice and guidance to NASA in the event of a major accident involving the Apollo space vehicle resulting in the release of plutonium-238 from the SNAP-27 device. During launch operations, I supervised four radiation monitoring teams and 12 air monitoring stations consisting of approximately 10 health physicists and 20 health physics technicians.

USAF Radiological Health Laboratory  
Wright-Patterson AFB, Ohio 45433

Period: August 1968 - June 1970

Rank: Major, USAF (Biomedical Sciences Corps)

Salary: \$16,560/year

Position: Chief, Field Services Division

Responsible for managing the laboratory's health physics consultation service. This responsibility involved providing professional health physics consultation to all USAF installations with respect to the safe use of medical and industrial x-ray equipment, radioactive materials, and nonionizing radiation sources (laser and microwave).

Member, USAF Radioisotope Committee. Responsible for evaluating license applications for the use of radioactive materials.

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Consultant to the National Aeronautics and Space Administration (NASA) in support of the Apollo/SNAP-27 Program and Senior Field Health Physics Supervisor for the Apollo/SNAP-27 Contingency Plan. Responsibilities as previously described.

Consultant to the New York Department of Health concerning an extensive Americium-241 contamination incident. Responsibilities involved assisting the New York Department of Health in evaluating the extent of the radioactive contamination and giving advice on decontamination procedures.

Supervised four health physicists, two technicians and one secretary.

USAF Radiological Health  
Wright-Patterson AFB, Ohio 45433

Period: June 1966 - August 1968

Rank: Major, USAF (Biomedical Sciences Corps)

Salary: \$12,700/year

Position: Chief, Radiological Services Division

Responsible for managing the world-wide USAF Film Dosimetry Program and maintaining the USAF Radiation Exposure Registry. This responsibility entailed providing a Film Badge Dosimetry Program to over 400 USAF installations throughout the world, processing approximately 10,000 film badges monthly, rendering quarterly radiation exposure listings to each installation and maintaining radiation exposure records on all USAF personnel. This film badge service qualified, for the first time, as meeting the National Sanitation Foundation Film Dosimetry Standards during this period. Responsible for radionuclide analysis of biological and environmental samples received by the Laboratory. Urine, milk, soil, vegetation, water and swipe samples were routinely analyzed for specific radionuclide content or gross alpha, beta, or gamma activity.

Supervised two health physicists, three chemists and 10 health physics technicians.

Member, USAF Radioisotope Committee

USAF Medical Service School  
Gunter AFB, Alabama

Period: September 1961 - September 1964

Rank: Captain

Salary: \$9,600/year

Position: Health Physicist

Responsible for teaching health physics and nuclear weapons effect subjects in approximately 35 officer and enlisted man courses. Responsible for the radiation safety program at the USAF Medical Service School including about 20 medical and dental x-ray machines and 15, millicurie range, Cobalt-60 and Radium-226 gamma sources used in the training of radiation monitors.

Supervised six health physics technicians.

3790 Epidemiological Laboratory  
Lackland AFB, Texas

Period: November 1959 - September 1961

Rank: 1st Lt.

Salary: \$7,200/year

Position: Responsible for supervising the processing of all hematology specimens received by the Laboratory. As an additional duty, I served as the health physicist for the USAF School of Aerospace Medicine, Brooks AFB, Texas. In this capacity, I supervised two technicians in such activities as radiation safety surveys, radioisotope inventories, radioactive waste disposal and personnel dosimetry.

Armed Forces Institute of Pathology  
Washington, D. C.  
and  
Los Alamos Scientific Laboratory  
Los Alamos, New Mexico

Period: September 1957 - November 1959

Rank: 1st Lt.

Salary: \$7,200/year

Position: Student, Health Physicist

I was one of three USAF Medical Service Officers to be selected for a two year on-the-job training program in nuclear medicine and health physics. Training in nuclear medicine at AFIP involved the use of a variety of radionuclides in diagnostic and therapeutic procedures and included a four month formal course in nuclear medicine at the National Naval Medical Center, Bethesda, Md. Training in health physics at Los Alamos Scientific Laboratory included the theory and practical application of such health physics subjects as personnel dosimetry, radiation

monitoring, bioassay, accelerator and nuclear reactor health physics and nuclear radiation detection systems. In addition, I participated as a health physicist in the nuclear weapon test series Operation Hardtack and the experimental nuclear powered rocket engine tests (Project Rover).

USAF Medical Service School  
Department of Clinical Laboratories  
Gunter AFB, Alabama

Period: February 1954 - September 1957

Rank: 2nd Lt.

Salary: \$4,800/year

Position: Chief, Hematology Section

Responsible for teaching all the hematology courses offered by the department (approximately two officers and 10 enlisted classes per year).

Supervised three enlisted men.

#### PUBLICATIONS

1. Taschner, J. C. and Odland, L. T.: A Safety Survey of USAF Dental X-Ray Machines, Medical Service Digest, Vol XXIII, Feb. 1972.
2. Masters Thesis: "The Effect of Temperature on the Radiation Survival of E. Coli B/r".
3. Air Force Manual 161-38(TBMED62) - "Diagnostic X-ray, Therapeutic X-ray and Gamma-Beam Protection for Energies Up to 10 Million Electron Volts". John C. Taschner, Major USAF (BSC) and James E. Roy, Jr., Major, USA(MSC), 1973.
4. Forsmark, L.; Taschner, J.; Weisshaar, M.; Rutsch, F.; Vause, D.; Wennitsch, W.; and Kessler, E.: The Influence of Radar and High Frequency Sources on Cardiac Pacemakers. Thoraxchirurgie Vasculare Chirurgie, April 1974.

#### SPECIAL COMMITTEES AND ASSIGNMENTS

1. Member of the American National Standards Committee N43.5 responsible for developing ANSI Standard N543-1974: NBS Handbook 114 - General Safety Standard for Installations Using Non-Medical X-ray and Sealed Gamma-Ray Sources, Energies Up to 10 MeV, February 1975.

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2. Coordinator for the Bureau of Radiological Health's mission as a World Health Organization Collaborating Center for Standardization of Protection Against Nonionizing Radiations.

MEMBERSHIP

Health Physics Society - plenary member since 1958

Baltimore-Washington Chapter, Health Physics Society - member since 1974

Secretary-Treasurer - 1977

Professional Standards and Education Committee - member 1978

Course Director, ABHP Certification

Examination Preparation Course, 1977 - 1978

Mid-Atlantic Chapter, American Association of Physics in Medicine - member since 1975

Chairman, Government Liaison Committee - 1978

PERSONAL

Born April 3, 1930, married, 2 children. Excellent health, 5' 10", 175 lbs. Top Secret Clearance (USAF-inactive), Social Security Number 561-54-9816. Enjoy skiing, camping and scouting activities.

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