



US Nuclear Division

A Division of International Chemical & Nuclear Corporation
801 North Lake Street
Burbank, California 91503
Tel: 213: 849-6176

November 12, 1968

Director, Region V
Division of Compliance
U. S. Atomic Energy Commission
2111 Bancroft Way
Berkeley, California

Reference: SNM-1002

Gentlemen:

This is in confirmation of my conversation with Mr. H. Book of your office on November 5, 1968.

Effective that date, Mr. Albert L. Baietti joined the staff of International Chemical and Nuclear Corporation. Mr. Baietti will have corporate wide responsibilities for radiological safety and control. He will be available to the undersigned in connection with operations leading to final decontamination of the U. S. Nuclear Corporation premises at 801 North Lake Street, Burbank, California.

Prior submissions by the undersigned to your office related to the cited operations make reference to an Alternate Radiation Safety Officer. We propose that Mr. Baietti serve in that capacity.

A copy of Mr. Baietti's resume is attached.

Very truly yours,

R. C. Koch

R. C. Koch, Ph. D
Radiological Safety Officer

nr

cc: A. Baietti
R. Fallis
F. Collins
B. Segal

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3 copies sent to Gen Roy.
cc: itg on 11-13-68.
ASB

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ALBERT L. BAIETTI

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EDUCATION B.S. Physics, Case Institute of Technology, 1943
Graduate Studies, Physics, Univ. of Illinois, 1946-47

SCOPE OF EXPERIENCE Tracerlab, A Division of LFE - Responsible for developing site support and field service capabilities of Tracerlab. He is Tracerlab's Chief Health Physicist. Presently serving as Program Director for Health Physics and Radiation Control Services for Manned Spacecraft Center (MSC). Work includes providing on-site health physics services to MSC and directing the efforts of a pool of technical specialists to provide consultation and guidance on radiation control aspects of MSC operations. Organizes and directs the preparation of Safety Analysis Summaries for each Apollo mission. Also directed preparation of operating manual to define radiological safety policies and procedures for all MSC operations.

Served as consultant to Kaiser Engineers on contamination control aspects of the engineering and design of a test facility to study loss of coolant flow (LOFT) effects on reactors. Work included evaluation of release and migration of radioactivity within and outside the test facility and the establishment of decontamination techniques and procedures.

Served as project officer for DASA during Operation Roller Coaster. Responsible for the design and operation of a field facility for handling and processing contaminated samples. The field unit processed about 15,000 samples with no contamination of personnel and maintained the integrity of each sample. Operating procedures were adjusted to meet field requirements. Information provided by the project enabled the Scientific Director to select samples for additional detailed study. The money saved in eliminating questionable samples for such analysis not only covered the cost of operating the project but also assured the validity of the final test results.

As project leader in a study to develop radiological monitoring procedures for the Office of Civil Defense, he organized and directed the efforts of a task force of people with varied technical backgrounds. The study reviewed all existing monitoring techniques and developed methods for improving those that appeared to be most responsive to the needs of OCD. New evaluation techniques and a monitoring-system concept were evolved to meet the time dependency aspects of the radiological situation.

U. S. Naval Radiological Defense Laboratory - (1950-1962) Served as head of the Health Physics Division. He was responsible for defining and administering the entire NRD L health and safety program. Established and conducted health physics training programs both for laboratory work and field operations. Was senior editor and principle contributor to "Principles of Radiation and Contamination Control" (NAV-SHIPS-250-341-3), a manual for training personnel in the handling of radioactive materials and in the

rad-safe aspects for field test operations. Participated in field testing of nuclear weapons and devices in 1951, 1954, 1955, 1956 and 1962; formulated the rad-safe aspects of the various NRDL experimental programs and acted as consultant in rad-safe matters to Joint Task Force Officials. Served as Chairman, Radioisotope Committee since its beginning in 1952, involved with Federal, State and local regulations concerning the use and handling of by-product materials and special nuclear materials. Acted as health physics consultant to several shipyards, AEC, State and Federal agencies.

Jackson & Moreland Company - (1950) Technical Assistant to the manager on the design of facilities to handle radioactive materials and contaminated equipment for a proposed power reactor for the Knolls Atomic Power Laboratory.

Kellex Corporation - (1947-1950) Served as project engineer on preliminary design of the material test reactor at Oak Ridge, Tennessee. This work involved all phases of radiological safety such as shielding requirements, radioactive material handling and special equipment requirements. Determined rad-safe requirements, and evaluated health physics aspects of engineering problems associated with a processing plant being built for Hanford Atomic Products Operation and other AEC projects. Established health physics rules and regulations for the radiochemical laboratory of Kellex Corporation.

Oak Ridge National Laboratory - (1945-1946) Worked as health physicist. In July-August 1946, he was a member of a field scientific group in "Operation Cross Roads" (the first atomic test at Bikini) making measurements of large scale radiation hazards and devising and implementing personnel protection techniques.

Kellex Corporation and Carbide and Carbon Chemical Company - (1943-1945) He worked at Oak Ridge, Tennessee organizing and supervising vacuum testing groups for leak-testing the gaseous diffusion plant, K-25.

HONORS & ASSOCIATIONS

Certified Health Physicist
Health Physics Society

American Industrial Hygiene
Association

American Standard Association Subcommittee, American Nuclear Society
"Contamination Levels for Industrial Materials"

SECURITY CLEARANCE

Department of Defense "Top Secret"
Atomic Energy Commission "Q"