



CHEM-NUCLEAR SYSTEMS, INC.

220 Stoneridge Drive • Columbia, South Carolina 29210

May 6, 1985
RA-0247-5

Bruce S. Mallett, Ph. D., Chief
Materials Licensing Section
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Clen Ellyn, IL 60137

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19789

Dear Dr. Mallett:

This is in reference to Control Number 77836 regarding License Number 46-19524-02, CNSI correspondence dated August 8, 1984, September 18, 1984, and NRC letter dated March 21, 1985. This correspondence is to summarize and clarify the requests for license changes of the referenced correspondence.

Since the CNSI corporate office has relocated to Columbia, S. C., please change the address on the license to:

Chem-Nuclear Systems, Inc.
220 Stoneridge Drive
Columbia, South Carolina 29210
Phone: (803) 256-0450

Secondly, please change License Condition 12 to read:

"Licensed material shall be used by or under the supervision and in the physical presence of, Ron D. Swift, Leslie K. Poppe, Mark S. Whittaker, or any other individual designated by the licensee's Safety Review Board."

Thirdly, please change License Condition 13 to read:

"The Radiation Protection Officer for the activities authorized by this license is Ron D. Swift, Health Physicist, at the Joliet, Illinois site, or in his absence, Mark S. Whittaker, Corporate Health Physicist."

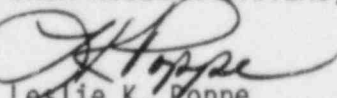
The resumes of Ron D. Swift and Mark S. Whittaker are attached.

The bioassay program submitted in the original license application (Attachment E) will be continued.

Thank you for your cooperation in these matters. If you have any questions, feel free to contact me.

Very truly yours,

CHEM-NUCLEAR SYSTEMS, INC.


Leslie K. Poppe
Director of Licensing

RECEIVED

JUN 14 1985

REGION III

8512160359 850621
REQ3 LIC30
39-23004-03 PDR

WBH:als

(803) 256-0450 • Telex: 216947

JUN 14 1985

RESUME
RON D. SWIFT

JOB DESCRIPTIONS

10/82
TO PRESENT

RADIATION SAFETY OFFICER
Washington Transportation Terminal

Oversee all uses of radioactive material, act as liaison with regulatory agencies, establish and maintain record systems, and ensure all work meets ALARA principles

11/5/80
TO 1/82

HEALTH PHYSICS TECHNICIAN
Barnwell Disposal Site

Provide all radiological protection to site personnel, initiate RWP's as required and ALARA policy as required by DHEC, SC, and NRC licenses. Inspect, receive, and release all transport units arriving at CNSI disposal site, provide radiological protection to personnel during burial operations. Train Jr. Health Physics personnel. Provide radcon protection to contractors as needed (drilling and excavation) cask maintenance.

7/11/79
TO 11/5/80

DECONTAMINATION TECHNICIAN
Barnwell Site

Decontamination and preservation of transport vehicles in Barnwell, SC. Provided decontamination service to CNSI site on all equipment.

TRAINING

9/79

Completed and earned 120 credits (quarter)
Nuclear Engineering Technology
Radiological Safety GPR = 1.63
Denmark Technical Education Center
Denmark, SC

9/81

28-hour course in related Health Physics courses, conducted by Chem-Nuclear Systems, Inc. for nine days at Barnwell

9/81

Completed and passed Health Physics criteria, Barnwell in radcon surveys, trench work coverage, radiation monitoring, ALARA policy, Health Physics Policy Manual, respiratory protection, contamination control, instrumentation, exposure control, counting room operations, CNSI license requirements, 097 and 280-02.

RESUME: RON D. SWIFT

-2-

5/81 Completed and passed broker certification exam for CNSI Barnwell. Knowledge of NRC, DOT, Beatty and Hanford requirements, transportation of hazardous materials.

1/81 Completed and passed South Carolina Emergency Medical Technician training, South Carolina Department of Health and Environmental Control (certified)

4/82 Health Physics courses at Barnwell in Chemistry I and II

TO PRESENT

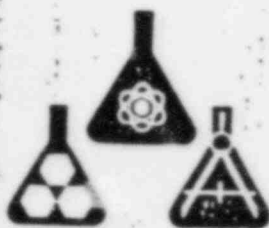
/81 Completed Certified by CNSI and subsidiaries as Health Physics Technician II, Barnwell, SC. A copy of the certificate will be furnished upon request.

High School General H. H. Arnold
Weisbaden Air Force Base
Weisbaden, Germany

High School Zaragosa High School
Zaragosa Air Force Base
Spain

PERSONAL

9/27/55 Born at Shepherd Air Force Base, Texas



This attests that

RONNIE D. SWIFT

has met the requirements and is certified as a

HEALTH PHYSICS TECHNICIAN

*as recognized by Chem-Nuclear Systems, Inc.,
and its subsidiaries*

this 27TH day of NOVEMBER, 1981

CHEM-NUCLEAR SYSTEMS, INC.

Attested:

Bruce Johnson
President

Michael J. Benjamin

The State of South Carolina



South Carolina Department of Health and Environmental Control

Emergency Medical Technician Training Program

This is to Certify that

RONNIE D. SWIFT

*having given satisfactory evidence of the necessary qualifications as
required by the Law of South Carolina has been duly certified as an*

*Emergency Medical Technician
in the*

State of South Carolina

and is entitled to the rights and privileges as provided by the State.



*In Testimony Witness the Signature
of the Commissioner, South Carolina
Department of
Health & Environmental Control*

the 22th day of January 19 80

Albert M. Fulrell, Jr.

*Albert M. Fulrell, Jr., Director
Division of Emergency Medical Services*

Albert B. Randall

*Albert B. Randall, M.D., M.P.H.
Commissioner*

Certificate No. 07910

This certificate expires two years from the above date.

RESUME

MARK S. WHITTAKER

CORPORATE HEALTH PHYSICIST

MAY 8, 1985

EDUCATION

M.S., University of Michigan, Ann Arbor, Michigan, Major: Health Physics, 1980

B.A., University of Michigan, Ann Arbor, Michigan, Major: Physical Sciences, 1972

"Radioactive Waste Management", Rensselaer Polytechnic Institute, 1981

"Health Physics in Radiation Accidents," REAC/TS, Radiation Emergency Assistance Center/Training Site, Oak Ridge Associated Universities and U.S. Department of Energy, Oak Ridge, Tennessee, 1982

CERTIFICATION

Certified Radiation Worker, Radiation Worker Training Program, Chem-Nuclear Systems, Inc., Columbia, South Carolina, 1980

Certified CNSI Broker, CNSI Broker Program, Chem-Nuclear Systems, Inc., Columbia, South Carolina, 1980

EXPERIENCE SUMMARY

Management, radiological and environmental monitoring; emphasis on training and certification, health physics, and emergency response actions. Experience in radiological measurements, project management, radiological and hazardous substances shipment, transportation, and decontamination and decommissioning field operations management. Experience in health physics and science training; text and audiovisual aid evaluation and selection.

WORK HISTORY

1985 - Present - Corporate Health Physicist - Chem-Nuclear Systems, Inc. - Responsible for the development and implementation of CNSI policies and procedures for the safe transport, handling, and disposal of radioactive material. Overall responsibility for CNSI radiation protection programs. Major tasks include:

- o Chair CNSI ALARA and Emergency Response Committees.
- o Perform HP audits/reviews of all CNSI projects.
- o Preparation/review of CNSI radiation protection procedures.
- o ALARA review of equipment and facility designs.

MARK S. WHITTAKER

1984 - 1985 - Director, Licensing - Chem-Nuclear Systems, Inc. - Direct preparation of license applications for new disposal sites and radioactive material handling and processing facilities. Provide direction to company personnel to ensure compliance with all CNSI licenses for operations outside South Carolina. Major tasks include:

- o Direct preparation of the license renewal application for the Barnwell LLW Site License and the Experimental Testing Laboratory License.
- o Direct preparation of supporting documents for the Nell, Texas SM Site License Application.
- o Assist in preparation of proposal/license application for the California LLW Site.

1983 - 1984 - Manager, Radiological Programs and Vicinity Properties, UMTRA Project Albuquerque Office - Develop and implement plans for assessment of uranium mill tailings contamination at mill sites and at vicinity properties and for radiological control during remedial action at mill sites and vicinity properties.

Major tasks included:

- o Hire, train, and direct field staff performing assessment of contamination and maintaining radiological control during remedial action.
- o Develop the Vicinity Property Plan for the Remedial Action Contractor detailing the assessment and remedial action plans for vicinity property work at all the UMTRA Sites.
- o On-site management of radiological control during start-up of the first mill site remedial action work at the Canonsburg, PA mill site.
- o Development and calibration of an on-site system for the measurement of radium concentration in soil.

1981 - 1983 - Manager, Compliance Assistance and Technical Services (CATS) - Chem-Nuclear Systems, Inc. - Direct and supervise a department which provides technical services primarily in health physics and other areas such as chemical waste management and industrial hygiene. Group assignments include:

- o Gamma ray shielding, design, and testing.
- o Radiation protection program development for reactor facilities, low-level waste sites, and decontamination and decommissioning projects.
- o Health physicist training development and implementation primarily for reactor facilities.
- o Radioactive waste management studies.
- o Decontamination and decommissioning guidance in the areas of techniques, regulations, and release surveys.

1980 - 1981 - Project Engineer, Compliance Assistance and Technical Services (CATS) - Managed CNSI Broker Certification Program, including training and certifying inspectors for radwaste shipments and transportation; performed radwaste packaging and transportation audits, radiological assessments and shielding calculations; prepared health physics and radiation safety procedures and manuals; provided licensing assistance.

MARK S. WHITTAKER

1979 - Assistant Health Physicist - Palisades Nuclear Plant, Covert, Michigan - Performed area surveys, dosimeter testing and calibration respirator fitting; reviewed health physics procedures.

1974 - 1978 - Physical Science Instructor - Flushing Junior High School, Flushing, Michigan - Taught and evaluated 180 students per year; assisted in development of science programs; selection and design of appropriate text and audiovisual materials.

PROFESSIONAL AFFILIATIONS

Member, American Nuclear Society

Member, Health Physics Society

Member, American Association for the Advancement of Science