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JBCarrico

MAY 07 1985

Department of the Navy
Naval Surface Weapons Center
Dahlgren Laboratory
Dahlgren, Virginia 22448

Gentlemen:

This letter is in response to your letter dated March 19, 1985, for an amendment to License Number 45-02757-01. Additional information is needed to support your request.

For your guidance and information we are enclosing a copy of Regulatory Guide 10.6, "GUIDE FOR THE PREPARATION OF APPLICATIONS FOR USE OF SEALED SOURCES AND DEVICES FOR PERFORMING INDUSTRIAL RADIOGRAPHY".

You request that we list Richard T. Whitman on your license as the Radiation Protection Officer. From his resume, it does not appear that Mr. Whitman has fulfilled the minimum specifications in Regulatory Guide 10.6 to qualify as a radiographer. Individuals who are responsible for radiation safety in radiography programs should have, as a minimum, experience and training equivalent to or greater than that of a qualified radiographer. We also note that Mr. Whitman does not appear to meet the minimum requirements for a radiography radiation protection officer normally specified by the Navy. Please submit specific information regarding Mr. Whitman's experience and training in industrial radiography. If Mr. Whitman does not have sufficient training and experience to qualify, perhaps you could propose someone else as an alternative.

In reviewing your file, we noted that Amendment No. 10 issued in accordance with your renewal application dated April 20, 1974 specified a limited radiography program and listed the radiographers and radiographers assistants. We also note that your January 31, 1980 renewal application requested the same limited program. Therefore, we intend to amend your license to again identify these individuals. Please provide the names (and qualifications if necessary) of your current radiographers and radiographers assistants.

We will continue our review of your request upon receipt of the additional information. Please reply in duplicate and reference mail control number 18835.

Sincerely,

8509130159 850905
NMSS LIC30
45-02757-01 PDR

Original Signed By
J. Bruce Carrico

J. Bruce Carrico
Material Licensing Branch
Division of Fuel Cycle and
Material Safety

| | | | | | | | |
|---------|-----------|-----------|--|--|--|--|--|
| OFFICE | FCML | FCML | | | | | |
| SURNAME | BBrown:ht | JBCarrico | | | | | |
| DATE | 05/07/85 | 05/07/85 | | | | | |



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND DETACHMENT
RADIOLOGICAL AFFAIRS SUPPORT OFFICE (RASO)
YORKTOWN, VA 23691

IN REPLY REFER TO

8128/3253.4B
Ser 6446W/ 169
29 MAR 1985

U.S. Nuclear Regulatory Commission
Division of Fuel Cycle and Material Safety
ATTN: Chief, Materials Licensing Branch
Mail Stop SS-396
Washington, DC 20555

Gentlemen:

The enclosed application by the Naval Surface Weapons Center, Dahlgren, Virginia to amend U.S. Nuclear Regulatory Commission Materials License Nos. 19-00166-22, SNM-1147, 45-02757-01, 45-07823-05, 45-07823-06 and SMB-1145 is endorsed.

This application requests approval of a new single Radiation Safety Officer for all Naval Surface Weapons Center licenses.

It is requested that receipt acknowledgement data be forwarded to this Office on the enclosed card.

Sincerely,

P. J. DURFEE
Commander, MSC, USN
Director

Enclosure:

- (1) NAVSWC Dahlgren ltr
X31-RTW, 1200 of
19 Mar 85
- (2) Receipt Acknowledgement Card

Copy to: (w/o encl)
NAVSWC Dahlgren

85
APR -1 P2:55

FEE EXEMPT

18835

9504170486



DEPARTMENT OF THE NAVY

NAVAL SURFACE WEAPONS CENTER
DAHLGREN, VIRGINIA 22448

WHITE OAK
SILVER SPRING, MD. 20910
(202) 394-3760

DAHLGREN, VA. 22448
(703) 663

IN REPLY REFER TO:

X31-RTW

12000

19 MAR 1985

From: Commander, Naval Surface Weapons Center
To: Director, U. S. Nuclear Regulatory Commission
Office of Nuclear Material Safety and Safeguards
Division of Fuel Cycle and Material Safety
Washington, D. C. 20555
Via: Director, Naval Sea Systems Command Detachment (Code 6446)
Radiological Affairs Support Office
Yorktown, Virginia 23691

Subj: CHANGE OF RADIATION SAFETY OFFICER

Encl: (1) Resume of new Radiation Safety Officer

1. The Naval Surface Weapons Center wishes to delete the current Radiation Safety Officers and substitute Richard T. Whitman.
2. The following is a list of all of the NSWC current licenses:

| <u>License</u> | <u>Purpose</u> | <u>Expiration Date</u> |
|----------------|-------------------|---|
| 19-00166-22 | Broad Type (A) | Timely Renewal |
| 1147 | SNM | June 1986 |
| 45-02757-01 | Radiography | March 1986 |
| (45-07823-05 | Misc. Small Items | Requested Consolidation onto-22, 2/85) |
| 45-07823-06 | Misc. Small Items | March 1986 |
| 1145 | SMB (DU+THORIUM) | Timely Renewal |

3. A resume copy for each license is attached.


J. D. MEREDITH
By direction

8504170492

NAVAL SURFACE WEAPONS CENTER

RADIOLOGICAL SAFETY OFFICER: Richard T. Whitman,
Health Physicist, GS-12

RESUME OF TRAINING & EXPERIENCE

EDUCATION & TRAINING:

- | | | |
|----|---------------------------------------|-------------------------------------|
| 6 | Graduate Hours (Radiation Science) | Georgetown University, 1984 |
| MA | Physical Science | West Chester State University, 1975 |
| BS | Biology/Education | Villanova University, 1970 |
1. Plant Physiology, using labeled Tritium (Villanova) (3 hrs.), 1968
 2. Nuclear Biological & Chemical Warfare (First U.S. Army)
(2 wks.), 1973
 3. Identification of minerals with x-ray diffraction (West Chester)
(6 hrs.) 1974
 4. Radiation Safety Officer Training (Ft. McClellan, AL) (4 wks.), 1980
 5. Microwave/Laser Training Aberdeen Proving Grounds, MD (1 wk.), 1981
 6. Medical Effects of Nuclear Radiation, Armed Forces Radiobiology
Research Institute (1 wk.), 1981
 7. (Navy) Radiation Safety Officer Training (Port Hueneme, CA)
(2 wks.), 1983

RELEVANT PROFESSIONAL EXPERIENCE:

- | | |
|----------------|--|
| 1983 - Present | (RSO) Health Physicist, Naval Surface Weapons Center |
| 1981 - 1983 | (RSO), Ft. Detrick, Frederick, MD (supervised four (4) licenses) |
| 1980 - 1981 | Active Duty Tour: Chemical Officer (CPT, U. S. Army), Ft. Meade, MD |
| 1976 - 1980 | Sales Representative, Cancer Chemotherapeutics |
| 1970 - 1976 | High School Biology Teacher/College Anatomy/Physiology Instructor |
| Military: | |
| 1983 - Present | Commander/Chemical Staff Officer (MAJ)(USAR) 431st Chemical Detachment, (NBCE)(JB), 97th US ARCOM, Wilmington, DE |
| 1980 - 1983 | Commander/Chemical Recon Officer (CPT)(USAR) 426th Chemical Detachment, (NBC Recon) (LB) (SF), 11th Special Forces Group (ABN), Ft. Meade, MD (Includes 179-day tour) |
| 1978 - 1980 | Chemical Staff Officer, (CPT) 309th Medical Group (USAR), Rockville, MD |

ISOTOPE EXPERIENCE

| | | | | | | |
|-------|-------|--------|--------|--------|----------|--------|
| H-3 | P-32 | Ni-63 | I-129 | Pm-147 | U-235 | Am-241 |
| C-14 | Fe-59 | Sr-90 | I-131 | Po-210 | Pu-239 | |
| Na-22 | Co-60 | In-111 | Cs-137 | Ra-226 | PuBe-239 | |