DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY ELECTRONICS RESEARCH
AND DEVELOPMENT COMMAND
2800 POWDER MILL RD., ADELPHI, MD 20783

REPLY TO
ATTENTION OF

DRDEL-SS

21 December 1983

SUBJECT: Nomination of Radiation Protection Officer

THRU: Commander
US Army Materiel Development and
Readiness Command
ATTN: DRCSF-P (D. Taras) /83-0115
5001 Eisenhower Avenue
Alexandria, VA 22333

TO: Director
Nuclear Materiel Safety and Safeguards
ATTN: Radioisotope License Branch
US Nuclear Regulatory Commission
Washington, DC 20555

1. Request NRC License SMB 1183 be expeditiously amended to add Mr. Anthony S. Kirkwood as the Radiation Protection Officer.

2. Qualifications Statement for Mr. Kirkwood is enclosed.

FOR THE COMMANDER:

Ronald W Kaese

RONALD W. KAESE
Chief, Safety Office
ERADCOM

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QUALIFICATIONS STATEMENT

ANTHONY S. KIRKWOOD

Radiation Protection Officer

EDUCATION AND TRAINING

A.A. (Radiologic Technology), Prince Georges Community College--1974. B.S. (Radiation Science and Administration), George Washington University--1978. Registered Radiographer, American Registry of Radiologic Technologist--1974. Registered Radiation Protection Technologist, National Registry of Radiation Protection Technologists--1983.

COURSES INVOLVING RADIATION

* 1972-1978, 51 semester hours in formal courses pertaining to radiation, including Technical Physics, Radiation Physics and Safety, Physics of Radiologic Imaging, Directed Studies in Radiation Physics, Radiographic Techs., Clinical Radiology, Radiologic Electronics and Engineering, and Radiobiology.
* April 1979, Respiratory Protection Course, concerning use of respirators, Goddard Space Flight Center.
* May 1980, Radiation Safety Course, concerning liquid radioisotopes, National Institutes of Health.
* Jan.-May 1981, Health Physics Certification Prep Course, with topics such as: Interactions of Radiation With Matter; Shielding; Decay; Standards; Measurements; Air Sampling; Health Physics Aspects of Reactors, Uranium Fuel Cycle, Waste Management; and Environmental Health Physics. Baltimore-Washington Chapter, Health Physics Society.
* Feb.,1982, Accelerator Health Physics, National Health Physics Society Mid-Year Topical Symposium, Orlando, Florida.
* June 1983, Internal Dosimetry, Health Physics Society Summer School, Baltimore, Maryland.
* Sept.,1983, Health Physics In Radiation Accidents, Oak Ridge Associated Universities, Oak Ridge, Tenn.

EXPERIENCE WITH RADIATION

* 1972-1974, Prince Georges General Hospital, Radiography Student, training leading to registration requiring thorough knowledge of diagnostic x-ray equipment, so that such usage is accomplished safely.
* 1974-1978, George Washington University Medical Center, Sr. Staff Radiographer, requiring close work with medical students and staff personnel, assisting and instructing when necessary, in safe and optimum equipment use.
* 1978-1984, NASA/Goddard Space Flight Center, Greenbelt, Maryland, As Sr. Health Physics Technician, responsible for initiating and carrying out programs to assure management control of numerous radioactive sources, among which are: Kilocurie amounts of ^{60}Co; Curie amounts of ^{3}H and ^{137}Cs; millicurie amounts of ^{55}Fe, ^{85}Kr, ^{90}Sr, ^{125}I, ^{210}Po, ^{226}Ra, ^{241}Am, ^{244}Cm, ^{252}Cf; and microcurie amounts of a wide variety of other radionuclides; accelerators;

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hotcells; rad waste disposal; Deuterium-Tritium neutron generators.

Experience has included using sources for experimental and calibration purposes; leak testing and inventory of sources; providing surveys and monitoring for operations involving a wide variety of radiation sources; packaging and disposal of sources; evaluating radiation hazards and recommending procedures and action to eliminate or significantly reduce unsatisfactory conditions; providing and evaluating personnel monitoring devices; setting health physics conditions for the use of radiation sources and facilities; evaluating health physics programs and recommending improvements.