DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND
2511 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VA 22202-3926

REPLY TO
ATTENTION OF

FEB 21 2012

Mr. Keith McConnell
Director
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. McConnell:

Reference Nuclear Regulatory Commission (NRC) Form 313, Application for Materials License, from Commander, U.S. Army Installation Management Command, November 6, 2008.

The Installation Management Command has hired a health physicist to manage its Radiation and Laser Safety Programs. Consequently, I request that you amend the referenced application as follows:

- Item 4, Name of person to be contacted about this application: Robert Cherry, PhD, Certified Health Physicist (CHP); telephone number, (210) 424-8349, cell (210) 313-0952.

- Item 7, Individual(s) responsible for Radiation Safety Program and their training experience: Dr. Robert Cherry replaces Gregory Komp as the proposed license Radiation Safety Officer. Dr. Cherry's training experience is described on the attached resume which replaces that of Mr. Komp in the application.

Copy of this letter with enclosure will be provided to the Office of the Director of Army Safety, ATTN: DACS-SF (Mr. Komp), 223 23d Street, Room 980, Arlington, VA 22202 and the Commander, U.S. Army Public Health Command (Provisional), ATTN: MCHB-TS-OHP, 5158 Blackhawk Road, Aberdeen Proving Ground, MD 21010-5403

The point of contact for this correspondence, Robert Cherry, may be reached by phone at (210) 424-8349 or by email at robert.cherry@us.army.mil.

Sincerely,

Rick Lynch
Lieutenant General, U. S. Army
Commanding

Enclosure
Resume, Dr. Robert Cherry

Robert N. Cherry, Jr., PhD, CHP
Colonel, U.S. Army (retired)

Employment (since 1980)

Nov 2009–present — HQ, US Army Installation Management Command
11711 North IH35, Suite 110
San Antonio, Texas 78233

Radiation Safety Staff Officer

- I implement the Army Radiation Safety Program within IMCOM. I direct IMCOM's radiation safety program, and, subject to the Commander's approval, establish IMCOM radiation safety policy.

Mar 2006–Nov 2009
Aug 2001–Oct 2003 — AECOM
8005 Outer Circle Drive
Brooks City-Base, TX 78235

Senior Health Physicist

- I provided senior-level health physics support to the AECOM (formerly Earth Tech) Radiation Group. I was primarily responsible for all field work plans, field survey plans, and final reports for AECOM projects that involve radioactive material and served as project and sometimes site radiation safety officer for those projects. The Radiation Group performs environmental radiation decontamination and decommissioning work and radiation safety training. I was involved in D&D and survey projects at locations that include Elmendorf AFB, Guterl Specialty Steel Corporation FUSRAP Site, Hill AFB Little Mountain Range, former Air Force Sundance reactor site, Kelly AFB, Barksdale AFB, Los Alamos National Laboratory, and LeTourneau, Inc. Steel Group. I have provided consultation and presented at public meetings for several other projects. I have provided 40-hour and 8-hour radiation courses, sometimes single-handedly. I also served as the radiation safety officer on the Texas Department of State Health Services radioactive material license issued to the AECOM San Antonio office for broad-scope decontamination.

Aug 2005–Mar 2006 — Environmental Protection Agency
1200 Pennsylvania Avenue NW
Washington, DC 20460

Director, Center for Radiological Emergency Preparation, Prevention, and Response

- I ensured that the Radiation Protection Division of the Office of Radiation and Indoor Air had a creditable and comprehensive Radiological Emergency Response Program; coordinated with and provided information to other EPA Offices, State, Tribal and local officials on radiological emergency response issues; supported and coordinated with other Federal departments and agencies on the development of Federal plans and procedures for responding to radiological emergencies. I set annual, multi-year or similar long-range work plans and schedules for internal or contracted work; assure implementation of Center goals and objectives; manage the internal Center budget; and was involved with high-level program officials in the development of overall goals and objectives. I ensured effective communication and integration of Center work efforts with outside organizations; ensured proper coordination with other Centers and organizational units; ensured meeting of regulatory requirements and program goals and objectives; made programmatic

decisions regarding Center work; and participate in strategic planning and EPA workgroup efforts. I was responsible for supervision, development and performance of the Center Staff; supported and guided teams; integrated project work across teams and other Centers; and shared accountability with teams for products and results.

Oct 2003–Aug 2005 Dade Moeller and Associates, Inc.
2450 Prosperity Avenue, Suite 500
Fairfax, VA 22031

Senior Health Physicist

- I provided senior-level health physics consultation and support to clients that included Headquarters, Department of Energy; Brookhaven National Laboratory; and Earth Tech. I provided professional and administrative assistance to the DOE Office of Civilian Radioactive Waste Management's Science and Technology and International Program related to its mission to develop and manage a Federal system for disposing of spent nuclear fuel from commercial nuclear reactors and high-level radioactive waste from national defense activities. I also provided contractor support to the DOE Office of Air, Water and Radiation Protection Policy and Guidance in its mission as "an approved element of the interagency Consequence Management Subgroup led by the Department of Homeland Security to develop Protective Action Guides and Operational Guidelines for Radiological Dispersal Device/Improvised Nuclear Device incidents." I wrote the field sampling plans for two radiological cleanups at Brookhaven. I continued to help Earth Tech by consulting on its plans for surveys at the former Air Force Sundance reactor site, a radioactive waste disposal pit at Barksdale Air Force Base, and radium-contaminated sites at the former Kelly Air Force Base.

Nov 1994–Aug 2001 U.S. Army Safety Office
Headquarters, Department of the Army
ATTN: DACS-SF
200 Army Pentagon
Washington, DC 20310-0200

Army Radiation Safety Officer

- I directed the Army Radiation Safety Program; served as the first Army Radiation Safety Officer; and developed, managed, and promulgated radiation safety policy and radiation exposure standards that impacted more than 10,000 occupational radiation workers on more than 100 installations world-wide, as well as deployed soldiers employing radioactive commodities, depleted uranium munitions, depleted uranium armor, laser devices, and radiofrequency communication devices. I provided technical/professional direction and guidance to a network that I created of 21 Major Army Command Radiation Safety Staff Officers located around the world. I served as the Army's expert for health physics matters relating to medical, industrial, and tactical uses of ionizing and non-ionizing radiation, depleted uranium munitions and armor, radioactive waste, personnel radiation exposure, and response to nuclear/radiological emergencies. I created and administered the Army Radiation Safety Council, wrote Army Regulation 11-9, designed the current Army Radiation Safety Program and represented the Army and DOD on DOD- and interagency committees and panels.

Jul 1993–Nov 1994	U.S. Army Environmental Hygiene Agency 5158 Blackhawk Road Aberdeen Proving Ground, MD 21010-5403

Director of Radiation and Entomological Sciences

- I directed and provided senior-level management for the ninety personnel of the three USAEHA Divisions that provided world-wide entomological services and ionizing and nonionizing radiation protection support to the Army and other DOD branches and agencies, assisted and advised the Commander and other Directors in achieving USAEHA goals, and served on the Quality Management Steering Committee to help attain USAEHA's Total Army Quality objectives.

Jul 1992–Jul 1993	U.S. Army Environmental Hygiene Agency 5158 Blackhawk Road Aberdeen Proving Ground, MD 21010-5403

Chief, Laser Microwave Division

- I managed a division of two technical branches and an administrative section that provided non-ionizing radiation protection support to Army, DOD, and other Federal agencies world-wide. I trained, mentored, and facilitated Total Quality Management in support of Total Army Quality; set division operating policies; programmed and allocated division resources and monitored their use; ensured that management of time, personnel, funds, space, contracts, and materiel were within assigned standards; used the Division strategic plan to direct division accomplishment of work, emphasizing support of unit goals; ensured coordination and documentation of work having potential for matrixed effort and marketed assigned staff, mission, and services.

Jul 1988–Jun 1992	U.S. Army Health Services Command Fort Sam Houston, TX

Radiation Protection Staff Officer

- I oversaw radiation safety in eight Army medical centers and in over 40 Army community hospitals and dental clinics in the 50 states and Panama; provided staff supervision of HSC ionizing and nonionizing radiation protection programs and of radiation protection services that USAEHA provided to DOD agencies and to the Army; provided health physics consultation and support to HQ, HSC staff and to commanders, members, and employees of HSC and HSC-supported activities; established HSC radiation protection policies; coordinated with Office of The Surgeon General personnel about radiation protection matters affecting HSC; and encouraged the professional development of HSC nuclear medical science officers.

Jun 1984–Jun 1988	Department of Physics U.S. Military Academy West Point, NY

Associate Professor of Physics

- I taught beginning, intermediate, and advanced physics to cadets; developed and taught calculus- and non-calculus based introductory, modern, nuclear, and radiological physics courses; and supervised cadet independent research topics.

Dec 1979–Jun 1984	Brooke Army Medical Center Fort Sam Houston, TX	

Health Physics Officer

- I was the radiation safety officer on broad-scope and teletherapy licenses at the Army's second largest medical center. I was responsible for providing radiation safety services to over 300 personnel occupationally exposed to ionizing radiation and for over 100 medical, dental, and veterinary diagnostic x-ray systems.

Education

1972–1975	University of Michigan	Ann Arbor, MI
PhD/physics		
1968, 1971–1972	University of Michigan	Ann Arbor, MI
MS/physics		
1964–1968	University of Michigan	Ann Arbor, MI
BS/physics		

Accreditations

American Board of Health Physics, 1981

The Army Surgeon General's "A" proficiency designator, 1993

Professional memberships

Health Physics Society, 1980–present (Board of Directors, 1996–1998; Membership Committee, 1993-1996; Chair, Strategic Planning Committee, 1999-2002; Program Committee 2002-2005; Symposia Committee, 2005-2008; Secretary-elect/Secretary, 2008-2011))

South Texas Chapter, HPS, 1981–present (Executive Committee, 1991–1994)

Baltimore-Washington Chapter, HPS, 1992–present (President-elect, 1998–1999; President, 1999–2000; Treasurer, 2004-2006)

Military Health Physics Section, HPS, 2008-present (President/Past-president, 2008-2010)

American Physical Society, 1975–present

Other information

Fellow of the Health Physics Society, 2006

Associate editor of Operational Health Physics, 2004-present

Member, Nuclear Engineering Curriculum Steering Committee, United States Military Academy, 2004-present

Member, American Board of Health Physics, 2000–2004 (ABHP liaison to Council of Engineering and Scientific Specialty Boards, 2005-present)

American Board of Health Physics Part 2 Panel of Examiners, 1991–1995 (Vice-Chair, 1994; Chair, 1995)

Vietnam service as field artillery forward observer, 1970–1971

Assistant Professor of Physics, Hamilton College, Clinton, NY, 1975–1977

Visiting Research Associate, Nuclear Structure Research Laboratory, University of Rochester, 1975-1977

Adjunct Associate Professor of Nuclear Engineering, Texas A&M University, 1990-1992

Assistant Radiation Protection Officer, Enewetak Atoll, 1978–1979 (DoD/DoE cleanup of nuclear weapons testing debris)

Military awards: Legion of Merit, Bronze Star Medal, Meritorious Service Medal (3), Air Medal, Joint Service Commendation Medal, Army Commendation Medal, National Defense Service Medal (2), Vietnam Service Medal (2), Humanitarian Service Medal, Global War on Terrorism Service Medal, Army Service Ribbon, Overseas Service Ribbon (2), Vietnam Campaign Medal

Field Artillery Officer Candidate School Hall of Fame, 1995

PUBLICATIONS AND PAPERS

Robert N. Cherry, Jr., Ph.D., CHP
Colonel, U.S. Army (retired)

1. "Directional Correlations of Gamma Rays in ^{143}Pr," **R. N. Cherry, Jr.**, and M. L. Wiedenbeck, *Nuclear Physics* **A252** (1975) 437.

2. "Directional Correlations of Gamma Rays in ^{77}As," **R. N. Cherry, Jr.**, and M. L. Wiedenbeck, *Nuclear Physics* **A252** (1975) 445.

3. "Line Shapes in M-Substate Populations in the ^{12}C(^{16}O,^{12}C)^{16}O Reaction," R. M. DeVries, D. Shapira, R. N. Boyd, M. R. Clover, and **R. N. Cherry, Jr.**, *Bulletin of the American Physical Society* **22** (1977) 634.

4. "Excitation Functions and Angular Distributions for ^{12}C + ^{16}O Inelastic Scattering," D. Shapira, R. DeVries, M. Clover, **R. Cherry**, and R. N. Boyd, *Bulletin of the American Physical Society* **22** (1977) 634.

5. "The ^{23}Na(^{6}Li,d)^{27}Al Reaction," H. E. Gove, N. Anantaraman, P. H. Calahan, J. P. Draayer, and **R. N. Cherry, Jr.**, *Bulletin of the American Physical Society* **22** (1977) 634.

6. "Backward Angle Heavy-Ion Elastic Scattering," M. R. Clover, R. M. DeVries, R. Ost, N. Rust, **R. N. Cherry, Jr.**, and H. E. Gove, International Conference on Nuclear Structure, Tokyo, 5-10 September 1977.

7. "Backward Angle Heavy-Ion Elastic Scattering," M. R. Clover, R. M. DeVries, R. Ost, N. Rust, **R. N. Cherry, Jr.**, and H. E. Gove, *Bulletin of the American Physical Society* **22** (1977) 1002.

8. "Spins of Resonances in the ^{12}C + ^{16}O System," D. Shapira, R. M. DeVries, M. R. Clover, R. N. Boyd, and **R. N. Cherry, Jr.**, *Physics Letters* **71B** (1977) 293.

9. "Resonant Backward-Angle Heavy-Ion Elastic Scattering," M. R. Clover, R. M. DeVries, R. Ost, N. J. A. Rust, **R. N. Cherry, Jr.**, and H. E. Gove, *Physical Review Letters* **40** (1978) 1008.

10. "Alpha Transfer vs. Alpha Decay in the Rare Earth Region," N. J. A. Rust, M. R. Clover, R. M. DeVries, R. Ost, **R. N. Cherry, Jr.**, and H. E. Gove, 3rd International Conference on Clustering Aspects of Nuclear Structure and Nuclear Reactions, Winnipeg, 19-23 June 1978.

11. "Possible Mechanism for the Resonance in the ^{12}C + ^{16}O System," D. Shapira, R. M. DeVries, M. R. Clover, R. N. Boyd, and **R. N. Cherry, Jr.**, *Physical Review Letters* **40** (1978) 371.

12. "Radiation Protection," J. L. Lancaster, A. J. Landry, Jr., and **R. N. Cherry, Jr.**, *Nuclear Medicine Science Syllabus*, 2nd edition, A. R. Benedetto, editor, Society of Nuclear Medicine, New York, 1983.

13. "Radiation Exposure of Emergency Department Personnel," R. L. Kinsman, W. H. Dice, **R. N. Cherry, Jr.**, R. J. Matthews, and E. Ellenbeck, Meeting of the University Association of Emergency Medicine, Boston, 1-4 June 1983.

14. "Reducing Ionizing Radiation Exposure to Cardiology Personnel," **R. N. Cherry, Jr.**, R. J. Matthews, W. E. Craig, P. C. Berry, and J. P. Murgo, *Health Physics* **47** (1984) 179.

15. Contributor as "Federal expert" to "Review of Technical Aspects of the Office of Radiation and Indoor Air's (ORIA) Technical Support Document (TSD) for the Development of Radionuclide Cleanup Levels for Soil," EPA-SAB-RAC-95-023, EPA Science Advisory Board's Radiation Advisory Committee/Radionuclide Cleanup Standards Subcommittee, James E. Watson, Jr., Chair, September 29, 1995.

16. "Effects of Down-sizing on the Department of Defense," **R. N. Cherry, Jr.**, invited paper, 41st Annual Meeting of the Health Physics Society, Seattle, 22 July 1996.

17. "Ionizing Radiation" (chapter editor), "Introduction," "Sources of ionizing radiation," "Radiation safety," **Robert N. Cherry, Jr.**, ILO Encyclopaedia of Occupational Safety and Health, 4th ed., International Labour Office, Geneva, 1998.

18. "Sites in the United States Contaminated with Radioactivity," A. B. Wolbarst, P. F. Blom, D. Chan, **R. N. Cherry, Jr.**, M. Doehnert, D. Fauver, H. B. Hull, J. A. MacKinney, J. Mauro, A. C. B. Richardson, L. Zaragoza, *Health Physics* **77** (1999) 245.

19. Army Regulation 11-9, "The Army Radiation Safety Program," Headquarters, Department of the Army, May 28, 1999.

20. "The Army Radiation Safety Program," **R. N. Cherry, Jr.**, presented at the 34th Midyear Topical Meeting of the Health Physics Society, Anaheim, February 7, 2001.

21. "Military Health Physics," **R. N. Cherry, Jr.**, presented at the 49th Annual Meeting of the Health Physics Society, Washington, July 22, 2004, *Health Physics* **86** (2004) S206.

22. "Military Health Physics in the Manhattan Project," P. Myers, **B. Cherry**, J. Taschner, and P. Frame, presented at the 49th Annual Meeting of the Health Physics Society, Washington, July 22, 2004, *Health Physics* **86** (2004) S207.

23. "Impacts of Stable Element Intake on ^{14}C and ^{129}I Dose Estimates," Dade W. Moeller, Michael T. Ryan, Lin-Shen C. Sun, and **Robert N. Cherry, Jr.**, *Health Physics* **89** (2005), 349-354.

24. "Significance of ^{14}C and ^{228}Ra in Terms of the Proposed Yucca Mountain High-Level Radioactive Waste Repository," Dade W. Moeller, Michael T. Ryan, **Robert N. Cherry, Jr.**, and Lin-Shen Sun, *Health Physics* **91** (2006), 238-248.

25. "Response to cesium-137 contamination of a steel mill," **Robert N. Cherry, Jr.**, Charles R. Flynn, Kenneth Krieger, and William Stuckey, presented at the 52nd Annual Meeting of the Health Physics Society, Portland, Oregon, 12 July 2007, *Health Physics* **93** (2007), S101.

26. "Dose rates as a function of time due to postulated radionuclide releases from the U.S. Yucca Mountain high-level radioactive waste repository," Dade W. Moeller, Lin-Shen C. Sun, and **Robert Cherry**, presented at the 12th Congress of the International Radiation Protection Association, Buenos Aires, Argentina 19–24 October 2008.