

J-7

Cassata, James

From: PARK, SHINKYU <SHINKYU.PARK@cbp.dhs.gov>
Sent: Monday, July 09, 2018 10:02 PM
To: Cassata, James
Cc: TILDEN, STEVEN
Subject: [External_Sender] NRC RAI Regarding License Amendment Request; Control No: 608567, License 08-17447-01
Attachments: NRC DELEGATION OF AUTHORITY-DAVID PARK.PDF; DAVID PARK APPOINTMENT LETTER FOR NRC.PDF

03012771

Good Evening, Dr. Cassata:

Please find attached two documents, Delegation of Authority and Letter on Amendment Request, the both documents had confirmed and signed.

If there is any information needed for the above NRC License Amendment, please let me know for further assist.

Once again, I appreciate your support on the CBP radiation safety program.

Thank you very much,

David

Shinkyu David Park
Acting Radiation Safety Officer
Occupational Safety and Health Division
Office of Human Resources Management
U.S. Customs and Border Protection
617 869 3990

Your feedback is important to us! Click [here](#) to let us know how we're doing.

Thank you for your time and cooperation.

From: Cassata, James <James.Cassata@nrc.gov>
Sent: Wednesday, June 13, 2018 6:52 AM
To: PARK, SHINKYU <SHINKYU.PARK@cbp.dhs.gov>
Cc: TILDEN, STEVEN <STEVEN.TILDEN@cbp.dhs.gov>
Subject: RE: RE: NRC RAI Regarding License Amendment Request; Control No: 608567, License 08-17447-01
Importance: High

License No.: 08-17447-01
Docket No: 03012771
Control Nos: 608567
Program Codes: 03130, 03122, 11200
Licensee Name: U.S. Customs and Border Protection
Certifying Officer: Mic McKeighan, Director, OSH Division, Office of HRM 317-614-4837, Mobile 317-710-9642
Primary POC: Steven Tildern, 443-869-1695, steven.tildern@cbp.dhs.gov

JUL 09 2018

James R. Cassata, Ph.D., CHP
Health Physicist
U.S. Nuclear Regulatory Commission
Region 1
2100 Renaissance Boulevard, Suite 100
King of Prussia, Pennsylvania 19406-2713

Dear Dr. Cassata:

The purpose of this correspondence is to notify the Nuclear Regulatory Commission (NRC) that U.S. Customs and Border Protection (CBP) has appointed Mr. Shinkyu David Park to serve as the CBP Radiation Safety Officer effective April 29, 2018 for NRC License 08-17447-01. Enclosed is a copy of Mr. Park's resume. Please remove Mr. Alex Grosso's name as the CBP license holder.

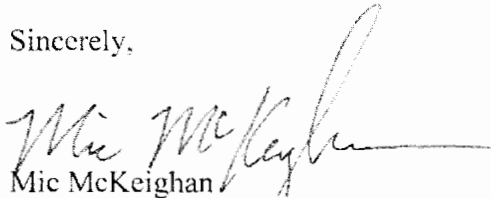
Please note that CBP has identified two errors on our current NRC license, regarding the model numbers for Cobalt-60 and Californium-252 on amendment 49. In addition, CBP would like to add an additional Americium-241 radioisotope to the license. Please modify CBP's license to reflect these changes.

L. Cobalt-60	L. Sealed Sources (Eckert & Ziegler, Model GF-060-D) and various manufacturers and model numbers	L. 100 microcuries per source and 2 millicuries total	L. For use in calibration & checking of the licensee's instruments and training of employees.
U. Cf-252 Californium	U. Sealed Sources (Eckert & Ziegler, Model Model CF2301400020U) and various manufacturers and model numbers.	U. 20 microcuries per source and 2 millicuries total	U. For use in calibration & checking of the licensee's instruments and training of employees.

V. Am-241 Americium	V. Sealed Sources (Various Manufacturers and model numbers) Isotope Products, Model GF-241-D; Isotope Products, Model HEG series; and AEA Technology VZ-3240.	V. 20-100 microcuries per source and and 5 millicuries total	V. For use in calibration & checking of the licensee's instruments and training of employees.
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Feel free to contact Mr. Steven Tilden if you have any questions at 443-869-1695 or via email at steven.tilden@cbp.dhs.gov.

Sincerely,



Mic McKeighan
Director, Occupational Safety and Health Division
Office of Human Resources Management
U.S. Customs and Border Protection
317-614-4837
317-710-9642, mobile

Enclosure

David Shinkyu Park

Shinkyu.park@cbp.dhs.gov

Education:

Columbia University, New York, NY

Major: Applied Physics (Concentration on Medical Physics), M.S.

University of Buffalo, Buffalo, NY

Major: Mechanical Engineering, M.S.

Publication: International Journal of Composite Material, "Computational Analysis of Crack Propagation of Anisotropic Material", 1985

Manhattan College, Riverdale, NY

Major: Nuclear Medicine Technology, Certificated

Honor: Alpha Beta Gamma, Honor Society

Experience:

Health Physicist

Occupational Safety Health Division

Human Resource Management Office

U.S. Customs and Border Protection

Elizabeth, New Jersey

September, 2010 – Current

As a health physicist provided health physics services, reviews, consultations, inspections, surveys, investigations and recommendations on radiation safety and health of employees and public to ensure NRC, OSHA, FDA, DOT, EPA, DOE, CNSC and other agencies' compliances and licenses requirements to achieve ultimate CBP's occupational safety and health. Provided Site Acceptance Test (SAT) Radiation Safety reviews for newly NII systems. Reviewed and investigated radiation safety of inadvertent radiation exposures during the NII operations and procedures. Provided source handler's trainings to meet NRC and DOT regulations and guidelines requirements. Conducted annual radiation safety inspections and surveys for CBP Port of Entries, Field Offices, BP stations, LSS, and ILD for their NII operations and procedures to ensure the radiation safety of employees and public. Performed semi-annual radioactive material inventory throughout the region. Ensured radiation safety of radioactive material storages and shielding with proper radiation safety warning signages, radiological emergency contact listings and NRC Form 3 postings.

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

Radiation Protection Supervisor
Columbia University Medical Center/ New York Presbyterian Hospital/
New York State Psychiatric Institutes
Columbia University Medical Center
Radiation Safety Office
New York City, New York
March. 2005 – September, 2010

Performed professional medical and health physics services as a Radiation Protection Supervisor with NY State Permit #46424 of Medical Physicist since 2005 in Health Physics and Nuclear Medicine Physics. Certified with the New York State Department of Health, License # 16 of the Certified Radiation Equipment Safety Officer (CRESO). Interviewed, prepared, surveyed, controlled, and reviewed various nuclear medicine and nuclear pharmaceutical including Iodine -131, Cs-137, Ir-192, and Y-90 low and high dose radiation diagnostic and therapeutic patients, medical practitioners in the field of radiologic oncology, radiology, nuclear medicine and its treatment planning. Ensured set up proper shielding according to the radiation levels to meet regulatory and ALARA limits. Managed and supervised operation the radiation safety programs for hospitals and universities of Nuclear Medicine, Nuclear Cardiology, Interventional Radiology, Radiology Department, Radiation Oncology Department, and associated research laboratories. Managed and supervised programs of solid, liquid, mixed, animal, patient radioactive material wastes, and radiation equipment for its collection, storage, shipping, clearances. Ensured and supervised proper handling and managing of radioactive material packages and sources deliveries, transfers, storages to assure compliances with the regulatory requirements of the NYCDOH, NY State DEC, DOT, EPA and NRC. Monitored the personal dosimetry levels of lab workers, medical practitioners and students using bioassays with Na (I) uptake machines and urine analysis with liquid Scintillation Counters (LSC). Managed the area monitoring systems to detect possible contaminated items and wastes. Supervised and performed quality control and calibration on survey instruments and radiological systems: G-M counters, Ion Chambers, Sodium Iodide detectors, portable detectors- liquid scintillation counters, uptake machines, gamma cameras, SPECT machines, PET-CT machines, radiation therapy machines, irradiators, Bicron area radiation monitoring systems, dental x-ray units and dose calibrators. Performed leak tests on packages and items in long term storage, including decay corrections for decay-in-storage items. Managed storage and disposal of patients and labs radioactive waste, including low level mixed waste. Assisted in the development of a radiation emergency response plan. Supervised radiation material packages/sources replacements, shipments and deliveries. Reviewed and recommended for institutional animal researches and programs with radioactive material protocols as an appointed Committee Member of Columbia University Medical Center-Institutional Animal Care & Use Committee (IACUC). Provided recommendations and advices the research investigators regarding radiation safety.

Nuclear Medicine Supervisor
New York Westchester Square Medical Center
Bronx, New York
June 4, 2004 – March 18, 2005

Performed general Nuclear Medicine clinical studies daily and managed the scan data for various types of diagnostical scans -bone scan, lung scan (perfusion and ventilation), endocrine system study (thyroid uptake, breast, parathyroid), cardiovascular stress study, GI study, and inflammatory scan-. Performed quality controls of gamma cameras, survey meters and dose calibrators. Managed, prepared and calibrated various radiopharmaceuticals. Developed and managed the radiation safety and radioactive patient and lab radioactive waste program.

Other Experience and Training:

RCRA Hazardous Waste Management Training, 2005, 2006, 2007, 2008, 2009
HAZWOPER Training, 2010
NRC& DOT Requiring to Shipping Radioactive Material Certificate Training, 2007, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017
Irradiator (Mark I-30) Operation Training, 2006
Columbia University Medical Center-Institutional Animal Care & Use Committee (IACUC), Committee Member, 2009, 2010

Certification:

- Certified Radiation Equipment Safety Officer (CRESO): New York State Department of Health, License (# 16)
- American Board of Medical Physics (ABMP):
Certification for Medical Physicists (#SR019108), Part I
- Nuclear Medicine Technology Board – Certified Nuclear Medicine Technologist (#025288)
- American Registry of Radiology Technologist - Registered Technologist in Nuclear Medicine (#375546)
- New Jersey State License for Nuclear Medicine Technology, License (#637862)
- New York State Permit in Medical Nuclear Medicine Physics (#46424) and Medical Health Physics, 2005 – 2009

Computer Skills:

- Microsoft Certified System Engineer (MCSE)
- Microsoft Certified Solution Developer (MCSA)
- Microsoft Certified Database Administrator (MCDA)
- Sun Micro System JAVA Certified Programmer (SCJP)

Awards and Recognitions:

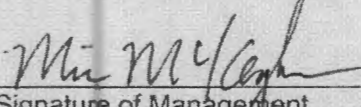
- March 10, 2014 Safety and Secure Environment at Super Bowl XL VII by Robert E. Perez, Director of Field Operations, New York Field Office
- December 10, 2016 Performance Award FY 2016 by Mickey D. McKeighan Director, Occupational Safety and Health Division, Office of Human Resources Management
- December 14, 2017 Performance Award FY 2017 by Linda L. Jacksta Assistant Commissioner, Office of Human Resource Management

Delegation of Authority for Radiation Safety Officer

Memo To: Radiation Safety Officer
From: Director of Occupational Safety and Health Division
Office of Human Resources Management
U.S. Customs and Border Protection

Subject: Delegation of Authority

You, Shinkyu David Park, have been appointed radiation safety officer and are responsible for ensuring the safe and secure use of radiation. You are responsible for managing the Radiation Protection Program, identifying radiation protection problems, initiating, recommending, or providing corrective actions, verifying implementation of corrective actions, stopping unsafe activities, and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations, when justified, to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. In addition, you are free to raise issues with the U.S. Nuclear Regulatory Commission at any time. It is estimated that you will spend 40 hours per week conducting radiation protection activities.



Signature of Management
Representative or Certifying
Official

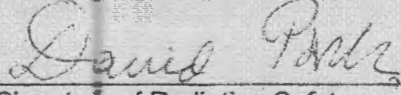
Mic McKaighan

Printed Name of Management
Representative or Certifying
Official

7/9/18

Date

I accept the above responsibilities,



Signature of Radiation Safety
Officer

Shinkyu David Park 6/12/2018

Printed Name of Radiation Safety
Officer Date

cc:
Steve Tiden
Deputy Director, Occupational Safety and Health Division
Office of Human Resources Management
U.S. Customs and Border Protection