



Your Uranium Powerhouse

5880 Enterprise Drive, Ste. 500
Casper, WY 82609 USA
Phone 307.265.2373 Fax 307.265.2801

www.Ur-Energy.com TSX: URE

September 3, 2009

Ms. Jacqueline D. Cook
Senior Health Physicist
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

RECEIVED

SEP 3 5 2009

DNMS

Re: License Amendment for Change of RSO
License No. 05-29252-01
Docket No. 030-37410
Control No. 471397

Dear Ms. Cook,

Ur-Energy USA Inc., with this letter, is requesting that license conditions 12(A) and 12(B) of License No. 05-29252-01 be amended by removing Mr. John Cash as the designated Radiation Safety Officer (RSO) and replacing him with Dr. Charles T Kelsey, III. As you will see in the attached resume, Dr. Kelsey has many years of work experience and training relevant to radiation safety. Upon your approval of the new RSO, Ur-Energy USA, Inc. will update the approved Radiation Protection Plan to reflect the change.

Please feel free to contact me at the above telephone number if you have any questions or require additional information.

Regards,

A handwritten signature in black ink, appearing to read 'Wayne Heili', is written over a horizontal line.

Wayne Heili
Vice President Mining
Ur-Energy USA Inc.

Cc: John Cash, Ur-Energy USA Inc., Casper, WY
Nancy FitzSimmons, Ur-Energy Inc., Littleton, CO

No 4 7 2 4 1 7

CHARLES T. KELSEY, III, Ph.D.
LTC (Ret.), U.S. Army
5880 Enterprise Drive, Suite 200
Casper, WY 82609
(307)-265-2373, ext. 320
charles.kelsey@ur-energyusa.com

EXPERIENCE

04/2009 to present

Employer: Ur-Energy USA, Inc., Casper, WY

Title: Environmental Health and Safety Supervisor/Radiation Safety Officer

Duties: Assist in development and implementation of Environmental Health and Safety Management System for Lost Creek, ISR, LLC. Familiarize with all aspects of ISR technology and operations and begin to develop and implement necessary EHS/RS programs, procedures and training for the future LC ISR mining operation. Oversee and ensure EHS/RS during exploratory and delineation operations prior to NRC issuance of license to operate. Familiarize with radiation safety program for and undergo training on operation of Prompt Fission Neutron (PFN) logging tool with training and information provided by the current PFN logging tool RSO, senior tool operator and tool manufacturer. Prepare to assume RSO positions on PFN logging tool NRC license and the Lost Creek ISR NRC license to operate when issued.

06/2002 to 04/2009

Manager, Painted Clouds Farm. Equine breeding, training, and transport.

07/2001 - 06/2002

Employer: Office of the Director of Army Safety/Office of U.S. Army Chief of Staff

Title: U.S. Army Radiation Safety Officer

Duties: Responsible for providing radiation consultation to all military organizations with respect to any radiation use or radiation related issue which impinges on the mission of the United States Army. During this tenure I provided consultation to a wide variety of military organizations on various issues including: Army-wide Radiation Safety Officer Training; threat hardiness of nuclear reactor containment vessels; Army medical facility antiterrorism preparations; depleted uranium Veteran's claims; radiological material in Logistics Systems; and unauthorized rental and procurement of items containing radiological material. Significant activities included: review of Radiation Safety Program for implementation of Military Mobile Vehicle and Cargo Inspection System (MMVACIS), a high intensity radiation emitting vehicle cargo scanning system; conducted the Radiation Safety portion of the annual review of active Army reactors at White Sands Missile Range, NM, and Aberdeen Proving Ground, MD (At the two reactors I identified and supported a total of nine (9) industrial and radiation safety findings.); reviewed National Ground Intelligence Center Radiation Safety Program (I identified a short-coming in receipt procedures regarding failure to adequately survey incoming foreign equipment for potential contamination.); reviewed Radiation Safety Programs and Operating Procedures of the U.S. Army Radiation Standards and Dosimetry Laboratory at Huntsville Alabama (I identified that primary shortfall was impending personal reductions which threatened to undermine an outstanding program.); provided U.S. Army input on tabled issues to Interagency Steering Committee on Radiation Standards; provided U.S. Army input for initial drafting of a Revised Joint Policy on Materiel Management of Radioactive Items; participated in workshops of the 10th Annual Council on Ionizing Radiation Measurements and Standards.

06/1997 - 06/2001

Employer: Dept. of Defense, Uniformed Services University of the Health Sciences, Bethesda, MD
Title: Chief, Radiation Safety Division/University Radiation Safety Officer, NRC Licenses #19-23344-01, and #19-23344-02

Duties: Responsible for ensuring safe use of radioactive material by approximately eighty senior research scientists and their staffs. Responsible for maintaining the University's NRC licenses and amendments and interfacing with the NRC on all inquiries. Responsible for radiation safety training, research authorizations, radiation safety procedures, dosimetry records, radiation safety surveys, inventory of approximately 500 radiation sources, receipt of sources, radioactive waste disposal and new facility preparation. Supervise a staff of six radiation technicians. During this tenure passed one unannounced, comprehensive three day NRC inspection with no reportable findings, and completed one periodic three-year interval license renewal.

06/1994 - 06/1997

Employer: U.S. Army Materiel Command, Alexandria, VA
Title: Chief, Medical Physics, Office of the Command Surgeon

Duties: Radiation effects action officer for Army Materiel Command (AMC) responsible for ensuring safe fielding of ionizing & non-ionizing radiation sources in thousands of Army systems, thus preventing adverse health effects to soldiers, support personnel and the public, and preventing environmental contamination. Requires: coordinating for over one hundred radiation studies and surveys provided annually for AMC by Medical Command, and ensuring implementation of Medical Command recommendations and guidance; providing the medical radiation guidance in response to all AMC radiation exposure incidents; providing radiation guidance on health hazard assessment of new materiel & materiel management processes; ensuring AMC radiation protection policy is consistent with constantly changing regulatory requirements; consistently serving as radiation protection liaison to the Army Major Commands, DoD, DA, Federal/State agencies & professional organizations.

06/1991 - 06/1994

Employer: U.S. Army, Dwight David Eisenhower Army Medical Center, Fort Gordon, Georgia
Title: Radiation Protection Officer/Chief, Health Physics Office

Duties: Responsible for supervision and management of Medical Center's radiation protection program to include support of U.S. Nuclear Regulatory Commission Materials Licenses and Department of the Army Radioactive Materials Authorization. Served as Regional Radiological Hygiene Consultant to health clinics in Atlanta and Puerto Rico and nine U.S. Army Community Hospitals in the southeastern United States. Performed technical surveys of radioactive materials and radiation producing devices (including mammography x-ray systems) to evaluate health hazards and performed medical physics testing to optimize imaging. Provided educational training and support to professional staff. Supervised the personnel dosimetry program and performed dosimetry analyses of radiation workers and patients.

01/1987 - 05/1991

Employer: U.S. Army, 10th Medical Laboratory, Landstuhl, FRG
Title: Chief, Radiological Hygiene Branch and 7th Medical Command Radiological Hygiene Consultant

Duties: Managed branch providing interservice radiation protection support throughout nine European countries. Acted as Officer-in-Charge of the seven-man European nuclear accident medical response team. Supervised and conducted radiation protection surveys of theater organizations having ionizing and non-ionizing radiation sources (including mammography x-ray systems). Single surveys included the radiation programs and devices of as many as 25 units of the organizations and 100 devices.

Managed branch resources and budget. Supervised the acquisition, use and Quality Assurance testing of complex radiation analysis systems. Served as US Army, Europe, Radiation Hygiene Consultant to the US Army, Europe, Surgeon, radiation workers and program managers. Supervised and provided the only available radiation protection training for 175 US Army Radiation Protection Officer trainees annually.

08/1985 - 12/1986

Employer: Texas A&M University

Title: Radiological Hygiene Technician

Duties: Half-time (20hr/wk) at Texas A&M Cyclotron Facility employed by Texas A&M RPO while full-time graduate student. Performed routine HP technician duties including: daily facility HP safety surveys, periodic routine smear surveys of A&M rad use laboratories, facility and equipment decontamination, calibration of portable HP survey instruments, wipe tests of sealed sources, rad waste disposal, rad material shipment.

03/1981 - 08/1985

Employer: U.S. Army, Academy of Health Sciences, FT Sam Houston, TX

Title: Nuclear Medical Science Officer

Duties: instructing Army personnel in: "Effects of Nuclear Weapons", "Radiation Detection", "Shielding and Shelters", "Radiation Dose and Decay", "Management of Contaminated Casualties", "Fallout Prediction", "Biological Effects of Ionizing Radiation", "Biological Effects of Laser Radiation", "Biological Effects of Microwave Radiation", "Personnel Reliability Programs", "Operation Exposure Guidance", "NBC Reports". Functioned as Subject Matter Expert in the above subjects providing and editing written guidance and input for military doctrinal publications. Served as military consultant on the above subjects. Served as property manager of equipment including field radiation detection instruments and all instrumentation used in the Radiological Hygiene Technologists training course.

09/1978 - 06/1980

High School science and mathematics teacher, Hendricks, MN

EDUCATION

University of Tennessee,	Ph.D., <u>BOTANY/PLANT ECOLOGY</u>, 1976
Texas A&M University,	M.S., <u>HEALTH PHYSICS</u>, 1986
University of South Dakota,	M.A., <u>BIOLOGY</u>, 1971
University of South Dakota,	B.A., <u>ZOOLOGY</u>, 1970.
South Dakota State University,	<u>SECONDARY TEACHING CERTIFICATE</u>, 1979

RECENT TRAINING:

Jul 1-2, 2009 NMA/NRC Uranium Recovery Workshop (16 hr): Agenda: Current regulatory and operational issues.

May 18-22, 2009 RSO Refresher Training & NORM Radiation Protection (40 hr).

May 11-13, U2009 Global Uranium Symposium (24 hr): Agenda: Consideration of worldwide Uranium issues, topics and advances.

Feb 1-3, 2009 HPS Midyear Meeting (24 hr): Agenda: Recent advances in planning and response to radiation emergencies.

PREVIOUS RELEVANT RADIATION SAFETY RELATED TRAINING

NOTE: Passed Part I ABHP Certification Exam, December 1994

ABHP Exam Part II Prep	May1997	3 days	Health Physics
AMEDD Rad Health Sciences	May1997	5 days	Rad Health subjects
ABHP Exam Part II Prep	Dec 1996	5 days	Health Physics
Internal Dose Estimates	Oct 1996	3 days	Internal Dose
ABHP Exam Prep	Dec 1995	5 days	Health Physics
Laser-RF Hazards	Nov 1995	5 days	Laser-RF hazards
RadAccidents,Med Personnel	Jun 1995	5 days	Radiation Accidents

AFFILIATIONS

Health Physics Society
Rocky Mountain Chapter, Health Physics Society
Sigma Xi Honorary Science Research Society
Ecological Society of America
Society for Mining, Metallurgy, and Exploration

ACCEPTANCE REVIEW MEMO (ARM)

Licensee: UR-Energy USA, Inc.

License: 05-29252-01

Docket: 030-37410

Mail Control: 472417

Type of Action: Notify

Date of Requested Action 9-03-09

Reviewer
Assigned:

ARM reviewer(s): Torres

Response	Deficiencies Noted During Acceptance Review
	<ul style="list-style-type: none">[] Open ended possession limits. Submit inventory. Limit possession.[] Submit copies of latest leak test results.[] Add IC L.C./Fingerprint LC, add SUNSI markings to license.[] Confirm with licensee if they have NARM material.[] Change of contact information (RSO), send request to update IC database.

Reviewer's Initials: _____

Date: _____

- ☐ Yes ☐ No Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
- ☐ Yes ☐ No Termination request < 90 days from date of expiration
- ☐ Yes ☐ No Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
- ☐ Yes ☐ No TAR needed to complete action.

Branch Chief's and/or HP's Initials: _____

Date: _____

SUNSI Screening according to RIS 2005-31

☐ Yes ☒ No Sensitive and Non-Publicly Available if any item below is checked

General guidance:

- _____ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
- _____ Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)
- _____ Design of structure and/or equipment (site specific)
- _____ Information on nearby facilities
- _____ Detailed design drawings and/or performance information
- _____ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

- _____ RAM quantities and inventory
- _____ Manufacturer's name and model number of sealed sources & devices
- _____ Site drawings with exact location of RAM, description of facility
- _____ RAM security program information (locks, alarms, etc.)
- _____ Emergency Plan specifics (routes to/from RAM, response to security events)
- _____ Vulnerability/security assessment/accident-safety analysis/risk assess
- _____ Mailing lists related to security response

Branch Chief's and/or HP's Initials: RITC

Date: 10-2-09

This is to acknowledge the receipt of your letter/application dated
9-3-2009, and to inform you that the initial processing,
which includes an administrative review, has been performed.

10-08-09
DATE

☒ There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 5 days.

☐ A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 472417.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Colleen Murnahan
Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: Program Code: 03111
: Status Code: 0
: Fee Category: 5A
: Exp. Date: 20170831
: Fee Comments: _____
: Decom Fin Assur Req'd: N
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: UR-ENERGY USA, INC.
Received Date: 20090915
Docket No: 3037410
Control No.: 472417
License No.: 05-29252-01
Action Type: Notifications

2. FEE ATTACHED

Amount: _____
Check No.: /

3. COMMENTS

Signed Colleen Murnahan
Date 9-23-09

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/))


1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____


Your Uranium Powerhouse
5880 Enterprise Drive, Suite 200
Casper, Wyoming 82609 USA

Ms. Jacqueline D. Cook
Senior Health Physicist
US Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington TX 76011-8064

