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LOST CREEK ISR, LLC

November 4, 2011

U.S. Nuclear Regulatory Commission
Mr. Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
Licensing Directorate.
Division of Waste Management & Environmental Protection
Office of Federal & State Materials &
Environmental Management Programs
Mail Stop T-8- F5
11545 Rockville Pike
Rockville, MD. 20852-2738

**Re: Lost Creek Project,
NRC License SUA-1598, Docket No. 40-9068
Radiation Safety Officer**

Dear Sir:

Lost Creek ISR, LLC hereby appoints Dr. Charles Kelsey as the RSO for the Lost Creek NRC License # SUA-1598. His resume of qualifications is attached, per License Condition 12.5, which show he is fully qualified per RG 8.31, Section 2.4.1.

Please contact me or Dr. Charles Kelsey at the Casper office if you have any questions regarding this submittal.

Regards,

Lost Creek ISR, LLC
By its Manager, Ur-Energy USA Inc.

By: 
John W. Cash, Vice President of Regulatory Affairs, Exploration and Geology

Cc: Theresa Home – Ur-Energy USA Inc., Littleton

Document Control Desk
Director, Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Lost Creek ISR, LLC is a wholly-owned subsidiary of Ur-Energy Inc.

TSX: URE

www.ur-energy.com

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CHARLES T. KELSEY, III, Ph.D.
LTC (Ret.), U.S. Army
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(307)-265-2373, ext. 320
charles.kelsey@ur-energyusa.com

EXPERIENCE

04/2009 to present (2 years, 7 months of UR experience)

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

Title: Radiation Safety Officer/Environmental Health and Safety Supervisor

Duties:

Prepare responses to all Radiation Safety related NRC RAIs necessary to obtain NRC licensing of the Lost Creek, ISR, LLC facility and operation.

Ensure development of NRC approved comprehensive and fully compliant Environmental Health and Safety Management System for the Lost Creek, ISR operation prior to initiation of production; thus demonstrating the thorough specialized knowledge of all health physics components of the operation per RG 8.31, Section 2.4.

Function as RSO of PFN logging tool NRC license, #05-29252-01.

Oversee and ensure EHS/RS during all Lost Creek exploratory and delineation operations.

Above duties entail management of TLD Dosimetry Program; management of calibration and quality assurance programs for: variety of portable survey instruments, Hi-Vol air sampling, meteorological station, passive radon and gamma monitoring; development of procedures; training of personnel; and record keeping.

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 hardness 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, Unformed 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 inquires. 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:

Sep 29, 2011 NMA Workshop on Section 106 Tribal Consultation Process (8 hr).

Sep 28, 2011 NMA/NRC Workshop on Lessons Learned on Environmental Reviews/SEISs (8 hr).

May 25-26, 2011 NMA/NRC Uranium Recovery Workshop (16 hr): Agenda: Current UR regulatory and operational issues.

May 9-11, 2011 Ur-Energy In-house Symposium (24 hr): Lost Creek, Operational Issues Update.

Jan 11-12, 2011 NMA/NRC Uranium Recovery Licensing Workshop (16 hr): Agenda: Current UR licensing issues.

Aug 23-27, 2010 ANL Course (40hr): RESRAD (onsite), RESRAD-OFFSITE, and RESRAD-BUILD codes.

Jun 28-Jul 1, 2010 HPS Summer Meeting (32 hr): Agenda: Current Issues in Health Physics.

May 26-27, 2010 NMA/NRC Uranium Recovery Workshop (16 hr): Agenda: Current UR regulatory and operational issues.

May 10-12, 2010 Ur-Energy In-house Symposium (24 hr): Lost Creek, Operational Issues Update.

Jul 1-2, 2009 NMA/NRC Uranium Recovery Workshop (16 hr): Agenda: Current UR 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

American Association for Advancement of Science