TRUE NORTH FORT KNOX

FAIRBANKS GOLD MINING
KINROSS GOLD

JUL 2 5 2005

FAIRBANKS GOLD MINING, INC.
Fort Knox Mine
P.O. Box 73726
Fairbanks, AK 99707-3726
Phone: (907) 488-4653
Fax: (907) 490-2294

TELECOPY COVER LETTER

Please deliver the following page(s) to:

TO: **Tony Gaines**
COMPANY: **Nuclear Regulatory Commision**
FAX NO.: **817-860-8263**
FROM: **John Snelders** (907) 488-4653 ext. **2618**
NUMBER OF PAGES: 2 (Including cover letter)
DATE: July 25, 2005

If you did not receive all of the pages, please call (907) 488-4653 as soon as possible.

Fairbanks Gold Mining, Inc.
A Subsidiary of
Kinross Gold USA, Inc.

JUL 2 5 2005

July 25, 2005

License # 50-29098-01
Docket # 030-34080
Mail Control # 470523

USNRC Region IV
611 Ryan Plaza Drive Suite 400
Arlington, TX 76011-4005
ATTN: Nuclear Material Licensing Branch

Dear Sir or Madam:

On a letter dated December 8, 2004, I requested an administrative amendment to our license # 50-29098-01. This amendment was to designate John Snelders as the RSO for this license replacing Dennis Pratt who had left the company. In the letter dated December 2, 2004, I failed to request Dennis Pratt be removed from 17. A. At this time, I would like to request Dennis Pratt be removed from item 17. A., and replaced by John Snelders

John Snelders has completed the Radiation Safety Officer Course offered by Engelhardt & Associates, Inc. on October 22-26, 2001. He also worked under the former RSO; Dennis Pratt, for two years prior to Dennis's departure. During this two year period he assisted Dennis in the relocation of two gauges to different areas of our plant. He also assisted him in completing the semi-annual leak test and audits required by our license. After speaking with Tony Gaines, he informed us that the Radiation Safety Officer Course by Engelhardt & Associates did not meet the requirements of the NRC for gauge maintenance and re-location. To remedy this problem, Mr. Gaines recommended that I take the RSO course offered by Ronan, the manufacturer of the gauges on our site. This will be accomplished the week of August 15th, when a representative of the Ronan measurement division will come on site and provide the appropriate training for gauge installation, maintenance and re-location.

During this interval between now and August 21st, I would like permission for Mr. Snelders to be able to move a gauge if the need arises based on his RSO training, and experience gained by working with Mr. Pratt.

Thank you for your time:

Bob Musgrove

Bob Musgrove

P.O. Box 73726, #1 Fort Knox Road] Fairbanks, Alaska 99707-3726 USA
Telephone: (907) 488-4653x2608 Fax: (907) 490-2294

TELEPHONE CONVERSATION RECORD

DATE: July 11, 2005

PARTICIPANT: John Snelders, RSO

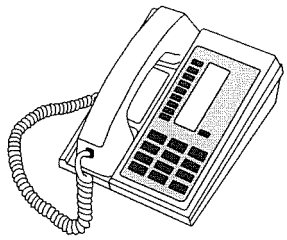
TELEPHONE NUMBER: 907-488-4653 ext. 2618

ORGANIZATION: Fairbanks Gold Mining, Inc.

LICENSE NO.: 50-29098-01

DOCKET NO.: 030-34080

CONTROL NO.: 470523



USNRC REGION-IV
ARLINGTON, TEXAS

SUBJECT: Amendment Deficiency

SUMMARY OF CONVERSATION: I informed Mr. Snelders that the brochure for RSO training from Engelhardt that he sent for our review seemed to cover almost everything needed except it does not indicate that hands on training on installing gauges was covered in the course. I asked him about the 2 years that he worked under the RSO (who was trained for gauge installation), as stated in his original letter to us. He indicated that he had helped the RSO do surveys, leak tests, and a couple of gauge relocations. I asked him to send in what he had done with the RSO in letter form for our review. He asked if I thought whether he also needed to take the non-routine operations course from the manufacturer. I told him that he would probably need to, that along with his experience under the RSO, and a commitment to take the course we may be able to put him on the license. He stated that he would send in the information.

ACTION REQUIRED: Mr. Snelders to send fax of required information.

Anthony D. Daimes — July 11, 2005

SIGNATURE **DATE**

cc:

JUL - 7 2005

TRUE NORTH FORT KNOX

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Fort Knox Mine
P.O. Box 73726
Fairbanks, AK 99707-3726
Phone: (907) 488-4653
Fax: (907) 490-2294

TELECOPY COVER LETTER

Please deliver the following page(s) to:

TO: TONY GAINES
COMPANY: NRC
FAX NO.: 817-860-8263
FROM: JOHN SNELDERS (907) 488-4653 ext. 2618
NUMBER OF PAGES: 5 (Including cover letter)
DATE: JULY 7 2005

If you did not receive all of the pages, please call (907) 488-4653 as soon as possible.

SORRY!

I cannot attend your seminar, but I am interested in information on the following:

Name: _____ Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____ E-Mail _____

License Status:

- ☐ Current
- ☐ Will Renew
- ☐ Will Amend

Areas of Interest:

- ☐ Custom Training
- ☐ Compliance/Radiation Safety Audits
- ☐ Written Radiation Safety Program
- ☐ Licensing, Renewal and Amendment
- ☐ Training Manuals Assistance
- ☐ Meter Calibration Service
- ☐ Future Seminars

UPCOMING COURSES

November 8 - 9, 2001 • Puerto Rico
February 4 - 6, 2002 • Las Vegas
April 8-10, 2002 • Ft. Lauderdale

A 5-DAY RADIATION SAFETY OFFICER COURSE

Oct. 22-26, 2001

Madison Concourse Hotel and Governor's Club

Madison, Wisconsin

ENGELHARDT & ASSOCIATES
6400 Gisholt Dr., Suite 111
Madison, WI 53713

Address Service Requested

PRSRT STD
U.S. POSTAGE
PAID
JANESVILLE, W
PERMIT NO. 1130

**********AUTO**MIXED AADC 530
DENNIS PRATT 72
FAIRBANKS GOLD MINING, INC
1 FORT KNOX RD
PO BOX 73726
FAIRBANKS AK 99707-3726

JUL - 7 2005

ENGELHARDT & ASSOCIATES, INC.

A 5-Day Radiation Safety Officer Course

October 22-26, 2001 - Madison, Wisconsin

ENGELHARDT & ASSOCIATES, INC.

A 5-Day Radiation Safety Officer Course

October 22-26, 2001

MADISON, WISCONSIN

- Radiation and Radioactive Decay
- Radiation Quantities and Units
- Biological Effects of Radiations
- Revised 10CFR Part 20
- 10CFR 19, 20, 30, 33, 34 and 35 Requirements
- Radiation Risks
- Radioactive Waste Disposal
- Radiation Measurements
- Personnel Dosimetry
- Licensing Requirements
- Records Management
- Preparing for Radiation Safety Inspections
- Emergency Response

Who Should Attend:

People in industry (fixed or portable gauges), hospitals and academic/research facilities who are responsible for radiation safety or need to understand the principles of radiation safety. Excellent course for the newly appointed RSO. *This seminar meets regulatory requirements for RSO training for fixed gauge users, or serves as an excellent introduction to new radiation workers. This course is also a great refresher to keep abreast of the ever changing field of radiation protection.*

This course provides comprehensive training for industrial, medical and research/biotechnology personnel. The course uses a "nuts and bolts" approach to radiation safety, so each attendee receives information pertinent to them. All persons attend "core" lectures, and then the class is split into separate groups for industrial, medical and research/biotechnology users. Each group receives specific instruction as well as hands-on use of meters, etc., for meeting specific needs and regulatory requirements.

Seminar Coordinator

Sue Engelhardt has over 25 years experience in Health Physics. After receiving her M.S., she worked as a Health Physicist in the uranium fuel cycle, and then as the RSO at the University of Wisconsin-Madison for 10 years. At the UW-Madison, Susan had experience with multi - curie quantities of radioactive material. As a nationally recognized speaker/trainer in the heavy industry environment, Susan also presents client specific courses to the Medical, R&D and Biotech specialties. As President of Engelhardt & Associates, Inc., she organizes and presents a wide spectrum of training courses, conducts compliance audits and develops licenses.

Our seminar will feature five instructors.

Our seminar speakers have been selected, based on their individual expertise to best address your needs.

Location

Madison Concourse Hotel & Governor's Club • Madison, WI

Located just a few steps from the Capitol Square, our convenient location puts you in the heart of the city. Outside our doors, you'll find the best of Madison - The Capitol, State Street shops, theatres, restaurants and much more. You will be surrounded by friendly and personable service, and realize we mean business. The Madison Concourse Hotel and Governor's Club - Madison's premier hotel.

Evaluation Comments from Past Attendees...

- *"Great Course! Would recommend it to anyone, any level."*
- *"Your group is very dynamic and very organized. You are precise - to the point - and you get the job done!"*
- *"Excellent - very well presented and you have an OUTSTANDING staff."*
- *"I'd give a pretty glowing recommendation to other potential participants."*
- *"A great job by all! The team works very well together."*
- *"This is one of the few seminars that I have attended that lived up to its advertisement - if not surpassed."*
- *"Engelhardt & Associates is definitely a top notch and professional company to deal with. I've worked with various radiation companies and I would rank Engelhardt as Number One!"*

Continental Breakfast begins at 7:30 a.m. with class starting at 8:00 a.m. each day. We will wrap-up by 4:00 p.m. Monday - Thursday and by 1:00 p.m. on Friday

Day One

How Radiation is used
- Medical, Industrial and Research uses

Regulatory Agencies
- Who regulates what
- Where regulatory standards come from

Basic Math Review
- Scientific notation
- Logarithms
- Calculator use
- Counting statistics
- SI units

Radiation Physics
- Quantities and units of radiation
- Types of radiation; interaction of radiation and matter; how radiation is produced
- Production of radiation
- Half-life; shielding; half-value layers

Day Two

Radiation Detection Equipment
- Types of equipment & appropriate uses
- Demonstration of equipment
- Self-reading dosimeters

Radiation Dosimetry
- Exposure and dose units
- NRC dose limits
- Types of dosimeters: how they work

Radiation Protection
- Time, distance, shielding: inverse square, shielding calculations
- Rules of thumb to protect yourself from radiation exposure
- ALARA

Sources of Radiation Exposure
- Natural occurring, medical, work, life-style
- Risk assessment

Day Three

Radiation Biology
- Cellular, tissue, and systematic effects
- Delayed, and early somatic effects
- Acute radiation syndrome
- Radiation hormesis, threshold vs. non-threshold

Radiation Safety Programs
- Written radiation safety programs/procedures
- Recordkeeping requirements
- Key elements (e.g. RSO/RSC, facility design, personnel monitoring, surveys, audits)

Responsibilities for Radiation Safety
- Who is responsible
- Legal issues

Transportation
- Regulatory requirements
- Shippers responsibilities

Radioactive Waste Management
- Options for waste disposal/compact
- Waste minimization vs. volume reduction
- Storage of waste

Day Four

NRC Regulations
- Parts 19 and 20
- Parts 30 - 35 (types of licenses)
- Special requirements (gauges & licenses)

Emergencies
- Types of emergencies: industrial, medical, biotechnology
- Emergency procedures
- Source leakage, loss of source
- Emergency personnel as responders

Laboratory Work (Hands-On)-Done by Groups
- Use of meters - scintillation, GM, Ion chambers
- Calibration of meters - actual procedures
- Leak tests - actual performance
- Performance of lab surveys
- Demo of specific safety techniques (specific to use)
- Emergency procedures - clean up of spill, personnel decontamination

Day Five

Writing a License
- New, renewal, amendment
- Content
- Do's and Don'ts

Reportable Incidents
- What is reportable
- When to and when not to report

NRC/State Inspections
- How to prepare
- What to do if the inspection appears to be going badly
- What to do if you are called for an enforcement conference

Interactions with the Public and the Media
- Discussion of media contacts and public information on the sensitive issue of radiation

We will break into three separate groups (i.e. medical, biotech/research, industrial/gauge) twice a day. This will assure that specific questions and problems are addressed. Bring a copy of your license/device registration and operations manual for reference.

Your Registration Fee Includes:

Continental Breakfasts
Afternoon Snacks
Comprehensive Radiation Safety Manual
Radiation Training Materials
Licensing Sessions

Send or Fax To:

Engelhardt & Associates, Inc.
6400 Gisholt Dr., Suite 111
Madison, WI 53713
Phone: (608) 224-0690
(800) 525-3078
Fax: (608) 224-0821
E-Mail: engel@iiis.com
Visit our website at
www.radexperts.com

IF YOU ARE UNABLE TO ATTEND, PLEASE PASS THIS ON TO SOMEONE WHO MAY BE INTERESTED.

Please send payment prior to the conference. Feel free to let us know if this is a problem. Thank You!

Registration Fee: $1,395.00 per person **Number of People Attending** 1

Name: John Snelders

Organization/Position: Fairbanks Gold Mine / I&E Tech

Address: #1 Fort Knox Rd - PO. Box 73726

City: Fairbanks State: AK Zip: 99707

Telephone: (907) 488-4653 Fax: 490-2292 E-Mail: _____

☐ Check enclosed ☐ Check, Purchase Order To Follow ☒ Charge to Company P.O. # FK01-5422

☐ Mastercard ☐ Visa Account No. ____ ____ ____ ____ - ____ ____ ____ ____ - ____ ____ ____ ____ - ____ ____ ____ ____

☐ American Express Account No. _____ Exp. Date ____ / ____

Signature (required for credit card orders): _____ Print Name: _____

Hotel Reservations: Please contact The Madison Concourse Hotel and Governor's Club
(608) 257-6000 or (800) 356-8293
$103.00 Standard Room
$127.00 Governor's Club Room
(Space Is Limited, Make Your Reservation Early)

Please state that your are attending the Engelhardt & Associates Radiation Safety Seminar in order to receive this discounted room rate

HOTEL ROOMS WILL BE HELD UNTIL SEPTEMBER 20, 2001, SO PLEASE MAKE RESERVATIONS EARLY!

TELEPHONE CONVERSATION RECORD

DATE: July 7, 2005

PARTICIPANT: John Snelders, RSO

TELEPHONE NUMBER: 907-488-4653 ext. 2618

ORGANIZATION: Fairbanks Gold Mining, Inc.

LICENSE NO.: 50-29098-01

DOCKET NO.: 030-34080

CONTROL NO.: 470523

USNRC REGION-IV
ARLINGTON, TEXAS

SUBJECT: Amendment Deficiency

SUMMARY OF CONVERSATION: I informed Mr. Snelders that the certificate for RSO training from Engelhardt does not indicate what was covered in the course. Specifically, it does not indicate that there was any training in non-routine operations for which he is asking to be approved. He stated that he would send in a copy of the brochure of the course he took that would outline what was taught in the course. I informed him that it would need to cover non-routine operations for us to approve him for that use.

ACTION REQUIRED: Mr. Snelders to send fax of Engelhardt's brochure that tells what the course covered.

Anthony D Gaus

SIGNATURE

July 07, 2005
DATE

cc: