

ACCEPTANCE REVIEW MEMO (ARM)

Licensee:	Acuren USA	License No.: 42-32443-01
Docket No.:	030-36217	Mail Control No.: 030-036217
Type of Action:	Amend	Date of Requested Action: 05-18-07
Reviewer Assigned:	Jackie Cook	ARM reviewer(s): Cook

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Limit possession. Submit inventory. <input type="checkbox"/> Submit copies of most recent leak test results. <input type="checkbox"/> Ask the licensee if they have any type-amount of EAct Material.
	<p>* Documentation to show that proposed RSO has obtained formal training in the establishment and maintenance of a radiation protection program.</p>

Reviewer's Initials: _____ Date: _____

- | | | |
|------------------------------|-----------------------------|---|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | Unrestricted release Group 2 or >: Transfer memo to FCDB within 10 days. |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | Decommissioning notification should be completed within 30 days. |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | Termination request < 90 days from date of expiration |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other) |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | TAR needed to complete action. |

Branch Chief's and/or Sr. HP's Initials: _____ Date: _____

SUNSI Screening according to RIS 2005-31

Yes No **Non-Publicly Available, Sensitive** 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 (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 Sr. HP's Initials: *JPC* Date: 5/31/07

Pre-Licensing Screening

Applicant Information:

Control No. 030-036217

Name: Acura USA	Type of Request: Amend Program Code(s):	
Location: TX	License No.: 42-32443-01	Docket No.: 030-36217

STEP 1—Radioactive Materials and Quantities Requested:

Instructions for Step 1: Complete Step 1 for all applications. If all your responses in Step 1 are "No" then do not complete Step 2 (Screening Criteria). Sign and date the completed step-sheet and add it as the sensitive and non-publicly available OAR in ADAMS. If a "yes" response is indicated for any item in Step 1, also complete Step 2. If the type of use is subject to a Security Order or the requirements for increased controls, complete Step 3 (Item A or Item B) without delay.	Yes or No
A. The request is from a new applicant.	N
B. NUREG-1556, Volume 20, Section 4.9 indicates a licensing site visit is needed for the requested type of use, e.g., (1) Type A broad scope license, (2) panoramic irradiator containing > 10000 curies, (3) manufacturers or distributors using unsealed radioactive material or significant quantities of sealed material, (4) radioactive waste brokers, (5) radioactive waste incinerators, (6) commercial nuclear laundries, and (7) any other application that in the judgement of the reviewer and cognizant supervisor involves complex technical issues, complex safety questions, or unprecedented issues that warrant a site visit.	N
C. The applicant requested certain radionuclides and quantities that equal or exceed the Risk Significant Quantity (TBq) values in the table, below, that have been "highlighted" by the reviewer	

already have FC license condition

Table of Risk Significant Quantities

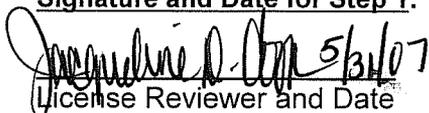
(Category 2 Quantities, IAEA Safety Guide No. RS-G-1.9, Categorization of Radioactive Sources, August 2005)

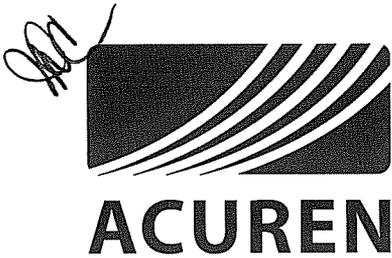
Radionuclide	Risk Significant Quantity (TBq ¹)	Risk Significant Quantity (Ci ¹)	Radionuclide	Risk Significant Quantity (TBq ¹)	Risk Significant Quantity (Ci ¹)
Am-241	0.6	16	Pm-147	400	11,000
Am-241/Be	0.6	16	Pu-238	0.6	16
Cf-252	0.2	5.4	Pu-239/Be	0.6	16
Cm-244	0.5	14	Ra-226 ²	0.4	11
Co-60	0.3	8.1	Se-75	2	54
Cs-137	1	27	Sr-90 (Y-90)	10	270
Gd-153	10	270	Tm-170	200	5,400
Ir-192	0.8	22	Yb-169	3	81

¹ The primary values are TBq. The curie (Ci) values are for informational purposes only.
² The Atomic Energy Act, as amended by the Energy Policy Act of 2005, authorizes NRC to regulate Ra-226 and NRC is in the process of amending its regulations for discrete sources of Ra-226.

Calculations of the Total Activity or the Unity Rule are attached to document whether or not the screening criteria in Step 2 were also completed to evaluate the application. NOTE—If an amendment of an existing license is being requested, the calculations will include the previously authorized quantities for the radionuclide(s).	Yes, No, or Not Applicable (NA)
Total Activity—multiple activities are requested for a single radionuclide and the sum of the activities equals or exceeds the quantity of concern for the radionuclide	
Unity Rule—multiple radionuclides are requested and the sum of the ratios equals or exceeds unity, e.g., [(total activity for radionuclide A) ÷ (risk significant quantity for radionuclide A)] + [(total activity for radionuclide B) ÷ (risk significant quantity for radionuclide B)] ≥ 1.0.	

Signature and Date for Step 1:


 License Reviewer and Date 5/31/07



RECEIVED
MAY 21 2007
DNMS

Acuren Inspection Inc.
101 Old Underwood Road, Bldg. J
La Porte, TX, USA 77571

Phone: (281) 842-3350
Fax: (281) 842-3370

081-224-6028
Materials Engineering & Testing
a Rockwood Company

May 18, 2007

Roberto Torres
Nuclear Materials Licensing Section
USNRC
Region IV
611 Ryan Plaza Dr. Suite 400
Arlington, Texas 76011-8064

Re: License No. 42-32443-01

Dear Mr. Torres,

Please allow me to submit this letter requesting an amendment to the Acuren USA, NRC Radioactive Materials License.

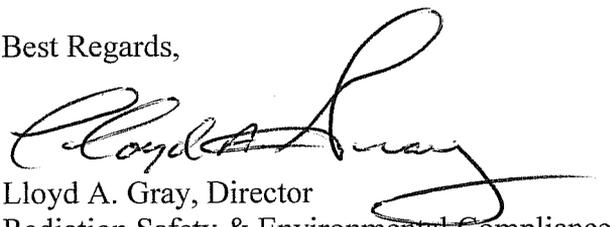
I will be retiring in July and I wish to appoint Mr. Keenan Remele as the Radiation Safety Officer for this license. I have enclosed the supporting documents as evidence of qualifying and approving Mr. Remele as the RSO.

I will continue to work for Acuren as a consultant relative to radiation safety and environmental matters, and will be available to assist Mr. Remele if requested.

I wish to extend my appreciation for all of the help you, Ms. Browder and Mr. Whitten have provided me over the past years.

If you should have any questions or concerns, please call me at anytime.

Best Regards,



Lloyd A. Gray, Director
Radiation Safety & Environmental Compliance
Acuren Inspection, Inc.

lgray@acuren.com

: Enclosures

Keenan E. Remele

Experience

I have 24 years experience in the Petro-Chemical Industry. I have been performing Process Management Integrity inspections in the main NDT disciplines and directly involved with QA/QC functions of oil and gas facility fabrication. I have 8 years experience as Radiation Safety officer and 6 years experience in Health, Safety and Environmental training as a qualified NSTC Trainer and a NRC/ASNT recognized Radiation Safety Instructor. I have a strong background in the use of Microsoft Office programs.

Experience History

November 2005 to Present, Acuren USA
Anchorage, Alaska

June 2006 – Present
Radiation Safety Officer/Quality/Safety, Coordinator, Alaska
Responsible for the Radiation Safety program for NRC Materials License, for the Anchorage, Kenai and Fairbanks locations.
Responsible for all aspects of the Quality Assurance program.
Responsible for all aspects of the Acuren Work Safety program.

December 2005- June 2006
Certified NDT Level II – RT, UTL, PT, MT and AWS CWI
Responsible Radiation Safety Officer for Anchorage, Kenai and Fairbanks locations. I perform NDT inspections in support of the Alaskan petro chemical industries.

March 1998 – October 2005, ASRC Energy Services
(ASCG Inspection, Natchiq and Operations and Maintenance subsidiaries)
Anchorage, Alaska
Certified NDT Level II – RT, UTL, PT, MT, Certified Crane Inspector and AWS CWI
I was the responsible Radiation Safety Officer for the NRC Materials License 1998 through 2005.
Other responsibilities:
QC Manager for the Nikiski Fabrication Facility.

NSTC Trainer
Radiation Safety Training

I performed NDT and Crane inspections through out the State of Alaska in support of the Petro-Chemical industries. These inspections included process piping, pressure vessels and various types of above and below ground storage tanks.

December 1992 – March 1998, CTI Alaska, Inc.
Anchorage, Alaska

Certified NDT Level II – RT, UT, PT, MT, MFE and API-653.
1994 through 1996 I was the Lead Technician for Phillips Petroleum LNG Plant located in Nikiski, Alaska. I performed layout, inspection and documentation of all major piping process located in the main LNG plant and the Tyonek Platform in accordance with API-570 specifications.
1992 through 1994 performed corrosion inspections on piping and pressure vessels at the Trading Bay Production Facility and Offshore platforms located in the Cook Inlet.

July 1986 – September 1992, CTI Inc.
Martinez, California

Certified NDT Level II – RT, UT, PT, MT and MFE
I performed NDT inspections through out the Lower 48 States and Alaska in support of the Petro-Chemical industries. These inspections included corrosion mapping of process piping, pressure vessels and various types of above and below ground storage tanks. I was the lead Automated Ultrasonic Technician performing shear wave, HIC and SOHIC inspections of pressure vessels.

July 1982 – June 1986, Ultra Technology Inc.
Prudhoe Bay, Alaska

Certified NDT Level II – RT, UT, PT, MT
The company was contracted to Arco Alaska Corrosion Group for corrosion inspection in the Eastern Operating Area of Prudhoe Bay. Responsible for radiographic supervision, interpretation and documentation. Special projects included Lead Foreman for the External Corrosion inspection of major supply lines for the EOA.

Education

1970 – High school Graduate – Clifton Fine High School, Star Lake, New York.

1973 - A.A.S. – Liberal Arts - Community College of the Finger Lakes, Canandaigua, New York.

1982 – A.A.S. – Welding Technology – University of Alaska, Anchorage, Alaska.

1984 – NACE Basic Corrosion – NACE, Houston, Texas.

Certifications

AWS Certified Welding Inspector - #04100331
IRRSP - #21613
ACCP Optical and Visual Inspector - #21613

Ongoing Education

Radiation Safety Officer Training – (40 Hrs)
Source Retrieval and Maintenance – (24 Hrs)
OSHA 521 – Guide to Industrial Hygiene (32 Hrs)
OSHA 2225 – Respiratory Protection (24 Hrs)
OSHA Book Keeping – (24 Hrs)

References available upon request.

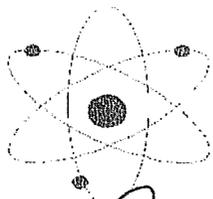
Radiation Safety & Control Services, Inc.

Awards this certificate to
Keenan R. Remele

in recognition of satisfactory completion of our 40-hour

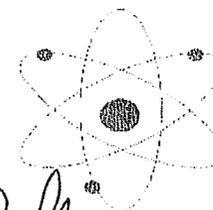
**RADIATION SAFETY OFFICER
TRAINING COURSE**

Nashua, New Hampshire
September 20 - 24, 1999



Eric L. Darols, CHP

J. Christopher Pirie, HP



Frederick P. Straccia, CHP

This course has been approved for 40 Category A, CE credits (reference number NHZ0188001) by the ASRT Dept. of Education

SENTINEL™

hereby certifies

KEENAN REMELE

has successfully completed a seminar on the
“Inspection and Maintenance of Industrial Radiography Equipment”

ATTESTED: MAY 16, 2000

Christopher B. Martel

CHRISTOPHER B. MARTEL
RADIATION SAFETY OFFICER

David F. Ward

DAVID F. WARD - INSTRUCTOR



SENTINEL™

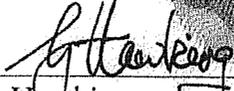
hereby certifies

Keenan Remele

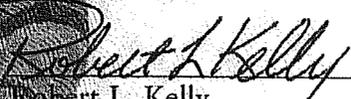
attended the course of instruction and practical training
in **RETRIEVAL!** A course providing training in the safety aspects,
technical considerations, and regulatory requirements for the
safe performance of retrievals of sealed sources utilized
in isotope radiographic systems that are involved in incidents.

Attested: 19 May 2009

Course duration: 24 hours Certificate Serial Number: 157


Guy Hawking,
President, AEA Technology,
QSA Inc.


Cathleen M. Roughan,
Regulatory Affairs &
Safety Manager


Robert L. Kelly,
Instructor





UNIVERSITY OF ALASKA ANCHORAGE
COMMUNITY AND TECHNICAL COLLEGE

3211 Providence Drive
Anchorage, Alaska 99508-8258

DIVISION OF HEALTH & SAFETY

Allied Health Sciences Bldg.
Suite 158
Office: (907) 786-6476
Fax: (907) 786-6938

ORIGINAL
[Handwritten signature]
2/18/99

February 16, 1999

TO WHOM IT MAY CONCERN:

This is to verify that Keenan Remele attended the University of Alaska Anchorage during fall of 1982. He successfully completed the course WELD 263, X-Ray and Radioisotope Radiography. This course consisted of a total of 100 hours of lecture/laboratory instruction including 40 hours of radiation safety.

A handwritten signature in cursive script, appearing to read "Donald L. Spahr".

Donald L. Spahr, Chair
Division of Health & Safety

Anchorage Community College

of the

University of Alaska

The Regents of the University in recognition of the fulfillment of prescribed requirements have conferred upon

Keenan E. Kemele

the degree of

Associate of Applied Science
Welding Technology

with all its privileges and obligations.

Given at this College, this thirteenth day of August, A.D., 1983.



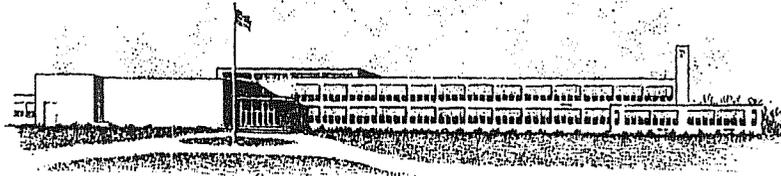
Donald B. Abel Jr.
President of the Board of Regents

Jay Barton
President of the University

Per Bigquistoff
Chancellor

PLL
1/17/97

Clifton-Fine Central School



This Certifies that
Keenan Evans Remele

has satisfactorily completed the Course of Study prescribed by the Board of Education for the High School Department and is therefore entitled to this

Diploma

Given under our hands at Star Lake, New York, this 20th day of June, A. D. Nineteen hundred and seventy

J. A. Murawski

PRINCIPAL

Robert T. Leison

PRESIDENT BOARD OF EDUCATION

REL
1/17/97

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: Program Code: 03320
: Status Code: 0
: Fee Category: 30 EX 2B
: Exp. Date: 20120930
: Fee Comments:
: Decom Fin Assur Reqd: N
:.....

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ACUREN USA
Received Date: 20070521
Docket No: 3036217
Control No.: 471380
License No.: 42-32443-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: /

3. COMMENTS

Signed Colleen M. Murrain
Date 5-30-07

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 _____