

APPROVED BY OMB: NO. 3150-0013 EXPIRES: 07/31/2002  
Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may schedule inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimate to the Records Management Branch (T-6 EB), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to bja1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0013), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

# REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS

(Please read the instructions before completing this form)

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) <b>Stan A. Huber Consultants, Inc.</b>		2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION	
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) <b>200 North Cedar Road New Lenox, Illinois 60451</b>		4. LICENSEE CONTACT AND TITLE <b>Joie Ziller Administrative Assistant</b>	
		5. TELEPHONE NUMBER (include Area Code) <b>815-485-6161</b>	6. FACSIMILE NUMBER (include Area Code) <b>815-485-4433</b>

### 7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING       LEAK TESTING AND/OR CALIBRATIONS       THERAPY/IRRADIATOR SERVICE

PORTABLE GAUGES       OTHER (Specify) ⇒ Sample Analysis & Remediation

RADIOGRAPHY ⇒ REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE  <b>SEE ATTACHED LIST FOR 2003 SCHEDULED CLIENT VISITS</b>		9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)	
		10. CLIENT TELEPHONE NUMBER (include Area Code)	11. WORK LOCATION TELEPHONE NUMBER (include Area Code)

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO				NUMBER TO BE ASSIGNED BY NRC
					<b>000045</b>

LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (include description of type and quantity of radioactive material, sealed sources, or devices to be used.)

**Ba-133 cal. vial 1.0 mCi; Cs-137 cal. device 100 mCi  
Cs-137 cal. vial 0.200 mCi; Co-57 cal. vial 6.0 mCi**

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9 ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)	LICENSE NUMBER <b>IL-01013-01</b>	STATE <b>IL</b>	EXPIRATION DATE <b>11/30/06</b>
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19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- a. All information in this report is true and complete.
- b. I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- c. I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- d. I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- e. I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title) <b>James C. Hatten, R.S.O.</b>	SIGNATURE 	DATE <b>12-10-2002</b>
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WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

FOR NRC USE ONLY	REVIEWING OFFICIAL (Typed Printed Name and Title) <b>Doris C. Gonzalez, NRC</b>	SIGNATURE 	DATE <b>01/06/03</b>	TOTAL USAGE - DAYS TO DATE
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<u>Client</u>	<u>Date(s) Scheduled</u>	<u>Number of Days</u>
<b>Baraga County Memorial Hospital</b> 770 North Main Street L'Anse, Michigan 49946 (906) 524-6166 Calvin Koski, Nuclear Medicine	05/14/2003	1
<b>Bay Area Medical Center</b> 3100 Shore Drive Marinette, WI 54143 (715) 735-6621 Jan Boettcher, Nuclear Medicine	05/15/2003	1
<b>Bell Memorial Hospital</b> 101 South 4 <sup>th</sup> Street Ishpeming, MI 49849 (906) 486-4431 Steve Hill, Nuclear Medicine	05/16/2003	1
<b>Children's Hospitals and Clinics</b> 2525 Chicago Avenue Minneapolis, MN 49849 (612) 813-6100 Roxanne Koenen, Nuclear Medicine	07/22/2003	1
<b>Community Hospital</b> 901 MacArthur Boulevard Munster, IN 46321 (219) 836-4519 Wayne Wcislo, Nuclear Medicine	07/08/2003	1
<b>Community Hospital Outpatient Centre</b> 9660 Wicker Avenue St. John, IN 46321 (219) 226-2291 Ann Leonard	10/21/2003	1
<b>Community Memorial Hospital</b> W180 N8085 Town Hall Road Menomonee Falls, WI 53051 (262) 251-1000 Noelle Geier, Nuclear Medicine	11/04/2003	1
<b>Dickinson County Hospital</b> 1721 South Stephenson Iron Mountain, MI 49801 (906) 776-5560 Bill Johnson, Nuclear Medicine	05/14/2003	1

<u>Client</u>	<u>Date(s) Scheduled</u>	<u>Number of Days</u>
<b>Elmbrook Memorial Hospital</b> 19333 West North Avenue Brookfield, WI 53005 (262) 785-2167 Deb Umlauf, Nuclear Medicine	05/10/2003	1
<b>Franciscan Skemp Medical Center</b> 700 West Avenue South LaCrosse, WI 54601 (608) 785-0940 Jayne Harris, Nuclear Medicine	07/25/2003	1
<b>Fraser Paper, Inc.</b> 200 North First Avenue Park Falls, WI 54552 (715) 762-5254 Michael McKeun, Radiation Safety Officer	01/21/2003 07/21/2003	2
<b>Hammond Clinic</b> 7905 Calumet Avenue Munster, IN 46321 (219) 836-5800 Nancy Boilek, Nuclear Medicine	12/17/2003	1
<b>Iron County Community Hospitals, Inc.</b> 1400 West Ice Lake Road Iron River, MI 49935 (906) 265-6121 Sharon Dedo, Radiation Safety Officer	05/13/2003	1
<b>Jackson County Schneck Memorial Hospital</b> 411 West Tipton, P.O. Box 490 Seymour, IN 47274 (812) 522-0145 Lisa Cosby, Radiation Safety Officer	09/17/2003	1
<b>Lakeland Medical Center</b> Highway NN, Box 102 Elkhorn, WI 53121 (262) 741-2028 Jackie Hahlbeck, Nuclear Medicine	02/06/2003	1
<b>Langlade Memorial Hospital</b> 112 East Fifth Avenue Antigo, WI 54409 (715) 623-9274 Scott Henricks, Nuclear Medicine	02/20/2003	1

<u>Client</u>	<u>Date(s) Scheduled</u>	<u>Number of Days</u>
<b>LaPorte Hospital</b> State & Madison Streets LaPorte, IN 46350 (219) 326-1234 Vickie Eilers, Nuclear Medicine	06/11/2003	1
<b>Lincoln County Medical Center</b> 1000 East Cherry Street Troy, MO 63379 (636) 528-8551 Greg Heidbrier, Radiology Department	10/22/2003	1
<b>Lorin M. Brown, M.D., P.C.</b> 1650 45 <sup>th</sup> Street Munster, IN 46321 (219) 924-6544 Lynn Wiabel	07/10/2003	1
<b>Marquette University</b> 1217 West Wisconsin Avenue Milwaukee, WI 53233 (414) 288-7570 Bela Piacsek, Ph.D.	05/08/2003	1
<b>Mead Paper Company</b> P.O. Box 757 Escanaba, MI 49829 (906) 786-1660 Ron Chinn, Radiation Safety Officer	01/22/2003	1
<b>Medical Associates</b> W180 N7950 Town Hall Road Menomonee Falls, WI 53051 (262) 255-5160 Mary Beth Myers, Nuclear Medicine	02/04/2003	1
<b>Memorial Hospital of Burlington</b> 252 McHenry Street Burlington, WI 53105 (262) 763-2411 Julie Elvin, Nuclear Medicine	10/29/2003	1
<b>Metropolitan Imaging Center</b> 2500 West Layton Avenue, Suite 220 Milwaukee, Wisconsin 53221 (414) 281-8064 Donald Schmidt, M.D., Radiation Safety Officer	10/28/2003	1

<u>Client</u>	<u>Date(s) Scheduled</u>	<u>Number of Days</u>
<b>Missouri Delta Medical Center</b> 1008 North Main Street Sikeston, MO 63801 (573) 472-7340 Bill Howard, Nuclear Medicine	10/23/2003	1
<b>Morgan County Memorial Hospital</b> 2209 John R. Wooden Drive Martinsville, IN 46151 (765) 342-8441 Linda Sheets, Radiology Department	09/16/2003	1
<b>Naval Surface Warfare Center</b> Crane, IN (812) 854-3559 Bruce Hawkins	06/02/2003 12/01/2003	1
<b>Ontonagon Memorial Hospital</b> 601 Seventh Street Ontonagon, MI 49953 (906) 884-4134 Calvin Koski, Nuclear Medicine	05/15/2003	1
<b>Pierce Milwaukee, Inc.</b> 2202 North Bartlett Avenue Milwaukee, WI 53202 (414) 277-3600 Steve Herman	05/06/2003	1
<b>Riverview Hospital</b> 410 Dewy Street Wisconsin Rapids, WI 54494 (715) 421-7430 Jeffery Schotten, Nuclear Medicine	02/18/2003	1
<b>Shared Medical Technologies</b> 202 West Newton Street Rice Lake, WI 54868 (715) 234-6518 Dave Ricci	01/20/2003 01/21/2003	2
<b>St. Catherine's Medical Center Campus</b> 9555 76 <sup>th</sup> Street Pleasant Prairie, WI 53158 (262) 656-2678 Lynn Poker, Director of Nuclear Medicine	02/03/2003	1

<u>Client</u>	<u>Date(s) Scheduled</u>	<u>Number of Days</u>
<b>St. Margaret Mercy Healthcare Center</b> 5454 Hohman Avenue Hammond, IN 46320 (219) 932-2300 Terri Harrigan, Nuclear Medicine	10/07/2003	1
<b>St. Mary Hospital</b> 1044 Kabel Avenue Rhinelander, WI 54501 (715) 369-6600 Daniel Jerzak, Nuclear Medicine	02/19/2003	1
<b>St. Mary Hospital – Ozaukee</b> 13111 North Port Washington Road Mequon, WI 53097 (262) 243-7445 Jeannette Meunier, Medical Imaging	10/15/2003	1
<b>St. Nicholas Hospital</b> 1601 North Taylor Drive Sheboygan, WI 53081 (920) 459-4619 Richard Behnke, Nuclear Medicine	07/14/2003	1
<b>Stora Enso – Kimberly Mill</b> 433 North Main Street Kimberly, WI 54136 (920) 788-8306 Robert Pelon, Engineering Department	04/14/2003 10/13/2003	2
<b>Stora Enso – Niagara Mill</b> 1101 Mill Street Niagara, WI 54151 (715) 251-3151 Ray White	05/14/2003 11/13/2003	2
<b>Stora Enso – Wisconsin Rapids Mill</b> P.O. Box 8050 Wisconsin Rapids, WI 54495 (715) 422-2288 Chuck Chapman, Jr., CIH	02/17/2003 08/18/2003	2
<b>United Hospital Systems, Inc.</b> 6308 Eighth Avenue Kenosha, WI 53140 (262) 656-2678 Lynn Poker, Director of Nuclear Medicine	02/03/2003	1

<u>Client</u>	<u>Date(s) Scheduled</u>	<u>Number of Days</u>
<b>United States Steel Group – Gary Works</b> One North Broadway Gary, IN 46402 (219) 888-7841 Brian Kunkle, Safety Coordinator	07/15/2003	1
<b>V.A. Hospital – Hines</b> 5 <sup>th</sup> & Roosevelt Road Hines, IL 60141 (708) 202-8387 Peter Kelly, Radiation Safety Department	02/27/2003 05/08/2003 08/07/2003	3
<b>V.A. Medical Center</b> H Street Iron Mountain, MI 49801 (906) 774-3300 Michael Kemnitz, Radiation Safety Officer	05/13/2003	1
<b>V.A. Medical Center</b> 3001 Green Bay Road North Chicago, IL 60064 (847) 688-1900 Karen McKay, Nuclear Medicine	06/17/2003	1
<b>Watertown Memorial Hospital</b> 125 Hospital Drive Watertown, WI 53095 (920) 261-4210 Terry Learned, Nuclear Medicine	10/16/2003	1
<b>West Allis Memorial Hospital</b> 8901 West Lincoln Avenue West Allis, WI 53227 (414) 328-6440 Patti Rafalow, Nuclear Medicine	10/30/2003	1
<b>Wisconsin Electric Power Company</b> 4801 East Elm Road Oak Creek, WI 53154 (414) 571-3228 Robert Devine, Instrument Supervisor	02/05/2003	1
<b>Wisconsin Electric Power Company</b> 8000 95 <sup>th</sup> Street Pleasant Prairie, WI 53158 (262) 947-5398 Tony Hirt, Instrument Technician	02/06/2003	1

**Total Number of Days**

**64**

## RADIOACTIVE MATERIAL LICENSE

DIVISION OF RADIOACTIVE MATERIALS  
1035 OUTER PARK DRIVE  
SPRINGFIELD, ILLINOIS 62704

Pursuant to the Illinois Radiation Protection Act and the rules and regulations in 32 Illinois Administrative Code promulgated thereunder, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) listed herein; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Illinois Department of Nuclear Safety now or hereafter in effect and to any conditions specified in the license. This document confirms that the licensee has registered the sources of radiation listed below in accordance with Section 2 of the Radiation Installations Act.

LICENSEE	LICENSE NUMBER	EXPIRATION DATE
Stan A. Huber Consultants, Inc. 200 North Cedar Road New Lenox, Illinois 60451	IL-01013-01	November 30, 2006
	AMENDMENT NUMBER	
	21	

Attention: Glenn Huber  
President

In accordance with letter with attachments dated April 30, 2002, License Number IL-01013-01 is amended in its entirety. Previous amendments are void.

ITEM	RADIONUCLIDE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
A.	Cs-137	Sealed sources - Technical Operations Model 72602	100 mCi	300 mCi
B.	Cs-137	Sealed sources - J. L. Shepherd Model 6810	1 Ci	4 Ci
C.	Cs-137	Sealed sources - Technical Operations Model 77302	165 mCi	990 mCi
D.	Any radioactive material with atomic numbers 1 - 83, inclusive	Any sealed source manufactured and distributed by persons specifically approved by the Department, the Nuclear Regulatory Commission, an Agreement State, or a Licensing State	15 mCi	3,000 mCi
E.	Any with half-life less than 100 days	Any	15 mCi	3,000 mCi
F.	Any with half-life greater than 100 days	Any	200 $\mu$ Ci	3,000 mCi

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

APPROVED BY:

DATE

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Charles G. Vinson, Head of Materials Licensing

August 1, 2002

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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Stan A. Huber Consultants, Inc.	IL-01013-01	21	November 30, 2006

ITEM	RADIONUCLIDE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
G.	Any	Any sealed source manufactured and distributed by persons specifically approved by the Department, the Nuclear Regulatory Commission, an Agreement State, or a Licensing State	Any	Any
H.	Any	Environmental, wipe or leak test sample	Any	100 mCi
I.	Any, except Special Nuclear Material	Any	Any	Any
J.	Special Nuclear Material	Any	Any	As per 32 Ill. Adm. Code Part 310.20
K.	Am-241	Sealed Source - Amersham Model AMC.16	100 mCi	400 mCi
L.	Fe-55	Sealed Source - Amersham Model IEC.D2	100 mCi	1 Ci
M.	Kr-85	Sealed Source - Amersham Model KAC.D3	200 mCi	2 Ci
N.	Pm-147	Sealed Source - Amersham Model PHC.C1	500 mCi	7 Ci

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

APPROVED BY:

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Charles G. Vinson, Head of Materials Licensing

August 1, 2002

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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Stan A. Huber Consultants, Inc.	IL-01013-01	21	November 30, 2006

AUTHORIZED USE:

- A. For possession and use in Victoreen and Tech Ops Model 726 calibrators for calibration of instruments.
- B. For possession and use in J.L. Shepherd Model 28 Series calibrators for calibration of instruments.
- C. For possession and use in Victoreen and Tech Ops Model 773 calibrators for calibration of instruments.
- D. through F. For possession and use as check, calibration, or reference sources.
- G. For use incident to removal, recovery, operational checks, and surveys of gauges or devices in accordance with manufacturer's instructions/recommendations.
- H. For possession and use as contamination incidental to sample analysis.
- I. For use incidental to decontamination, decommissioning, surveying, packaging, and transfer.
- J. For possession as contamination incidental to sample analysis and, for use incidental to decontamination, decommissioning, surveying, packaging, and transfer.
- K. For storage only of Barber-Colman Company Sources.
- L. For possession incident to source receipt and installation into TAPIO Technologies, Inc. Model AS-1h13 ash gauges and distribution to persons generally licensed pursuant to 32 Ill. Adm. Code 330.220(b) or equivalent provisions of regulations of the U.S. Nuclear Regulatory Commission or any Agreement State, for use incident to the performance of source installation, removal, gauge relocation and initial radiation survey at client facilities.
- M. For possession incident to source receipt and installation into TAPIO Technologies, Inc. Model BW-K2h52 beta gauges and distribution to persons generally licensed pursuant to 32 Ill. Adm. Code 330.220(b) or equivalent provisions of regulations of the U.S. Nuclear Regulatory Commission or any Agreement State, for use incident to the performance of source installation, removal, gauge relocation and initial radiation survey at client facilities.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

APPROVED BY:

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Charles G. Vinson, Head of Materials Licensing  
IL 473-0059

August 1, 2002

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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Stan A. Huber Consultants, Inc.	IL-01013-01	21	November 30, 2006

AUTHORIZED USE: (continued)

- N. For possession incident to source receipt and installation into TAPIO Technologies, Inc. Models BW-2h55 or BW-5h23 beta gauges and distribution to persons generally licensed pursuant to 32 Ill. Adm. Code 330.220(b) or equivalent provisions of regulations of the U.S. Nuclear Regulatory Commission or any Agreement State, for use incident to the performance of source installation, removal, gauge relocation and initial radiation survey at client facilities.

CONDITIONS

1.
  - A. Radioactive material listed in Items A. through F., H., J. (only for sample analysis) and K. shall be stored and used at 200 North Cedar Road, New Lenox, Illinois in accordance with statements, representations and procedures listed in other conditions of this license.
  - B. Radioactive material listed in Items L. through N. shall be stored at 200 North Cedar Road, New Lenox, Illinois in accordance with statements, representations and procedures listed in other conditions of this license and installed at temporary job sites of the licensee in areas not under exclusive Federal jurisdiction throughout the State of Illinois.
  - C. Radioactive material listed in Item G. shall be used only at temporary job sites of the licensee in areas not under exclusive Federal jurisdiction throughout the State of Illinois.
2. Radioactive material authorized for use in License Schedule Items I. and J. shall be used in accordance with the following conditions:
  - A. Radioactive material shall be used only at temporary job sites of the licensee in areas not under exclusive Federal jurisdiction throughout the State of Illinois. Radioactively contaminated equipment owned/used by the licensee shall be restricted to the temporary job site of the client.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Stan A. Huber Consultants, Inc.	IL-01013-01	21	November 30, 2006

(Condition 2. continued)

- B. 1. The licensee shall notify the Chief, Division of Radioactive Materials in writing at least 14 days before initiating activities under this license at each temporary job site. This notification shall include:
- a. The estimated type, quantity and physical/chemical forms of the licensed materials to be used;
  - b. The specific site location;
  - c. A description of the planned activities including waste management and disposition;
  - d. The estimated start date and completion date for the job; and,
  - e. The name and title of a point of contact for the job, including information on how to contact that individual.
2. The licensee shall notify the Chief, Division of Radioactive Materials in writing at least 14 days before establishing any location used for storage of equipment and/or vehicles previously received at, or released from, a temporary job site associated with activities conducted under this license.
- C. This license does not authorize the use of licensed material at temporary job sites for use already specifically authorized by a client's license. If a client also holds a license issued by an Agreement State or by the US NRC, the licensee shall establish a written agreement with the client specifying which activities shall be performed under the client's license and supervision and which activities shall be performed under the licensee's supervision pursuant to this license. The agreement shall include a commitment by the licensee and the client to ensure safety, and any commitments by the licensee to help the client clean up the temporary job site if there is an accident involving radioactive material. A copy of this agreement shall be included in the notification required by Condition 2 of this license.
- D. The licensee shall maintain records of information important to decommissioning each temporary job site at the applicable job site. The records shall be made available to the client upon request. At the completion of activities at a temporary job site, the licensee shall transfer these records to the customer for retention. These records and information shall include those required by 10 CFR 30.75.(g), 40.36(f) and 70.25(g).

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Stan A. Huber Consultants, Inc.	IL-01013-01	21	November 30, 2006

(Condition 2. continued)

- E. If approved by the Radiation Safety Officer, the licensee may take reasonable action in an emergency that departs from Item B. of this condition, when such action is needed to protect public health and safety and no action consistent with all other license conditions that provide adequate or equivalent protection is immediately apparent. The licensee shall notify the Department before, if practicable, and in any case immediately after taking such emergency action using the reporting procedures specified in Subpart M of 32 Ill. Adm. Code 340.
- F. Within 30 days of completing activities at each job site location and in cases where the expected project completion date will be exceeded, the licensee shall notify the Chief, Division of Radioactive Materials, in writing of the temporary job site status and the disposition of any licensed material used.
3. Radioactive material shall be used by, or under the supervision and in the physical presence of, Stan A. Huber or individuals who have been trained in accordance with application dated August 27, 2001, and letter, with attachments, dated November 12, 2001. The licensee shall maintain training records of all designated users.
4. The Radiation Safety Officer for this license is **James C. Hatten**.
5. The Radiation Safety Officer may delegate certain duties to specified individuals provided that:
- A. The licensee maintain, for a period of 5 years, records of all individuals designated by the Radiation Safety Officer to perform duties or meet regulatory requirements that would otherwise be required as a duty of the Radiation Safety Officer. These records shall include:
1. The name of the individual;
  2. A list of all duties the Radiation Safety Officer's designee is authorized to perform;
  3. The date upon which the designation became effective;
  4. The signature of the Radiation Safety Officer's designee; and
  5. The signature of the Radiation Safety Officer.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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STATE OF ILLINOIS  
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RADIOACTIVE MATERIAL LICENSE

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Stan A. Huber Consultants, Inc.	IL-01013-01	21	November 30, 2006

(Condition 5. continued)

B. The Radiation Safety Officer shall review records generated by designees and the performance of designees quarterly. In addition, the licensee shall maintain for Departmental inspection for a period of 5 years, records of the quarterly reviews of records generated by designees and quarterly reviews of designee's performance. These records shall include:

1. The date of the review;
2. The records being reviewed and the name of the designee being reviewed;
3. A list of all duties performed by the designee;
4. The results of the Radiation Safety Officer's review and any corrective measures taken, if applicable, based on the review; and
5. The signature of the Radiation Safety Officer.

6. A. Each sealed source possessed under this license shall be tested for leakage and/or contamination as specified in 32 Ill. Adm. Code 340.410. Tests for leakage and/or contamination shall be performed by persons specifically licensed to provide such services.

B. Tests for leakage and/or contamination performed by the licensee shall be performed in accordance with procedures described in the application, with attachments, dated August 27, 2001 or by persons specifically authorized by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.

C. The records of tests for leakage and/or contamination shall contain the manufacturer, model and serial number, if assigned, of each source tested, the identity of each source radionuclide, the results for each test sample expressed in Bq or  $\mu\text{Ci}$ , the date the sample was collected, the date the sample was analyzed, the identity of the individual who collected the sample(s) and the identity of the individual who analyzed the sample(s).

7. Sealed source leakage or contamination tests provided as a customer service shall be conducted in accordance with the following:

A. The conditions of pertinent Department, Agreement State, Licensing State and U.S. Nuclear Regulatory Commission licenses authorizing the customer's use and possession of the radioactive material;

\*  $\mu\text{Ci}$ -microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu\text{g}$ -microgram; kg-kilogram

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(Condition 7. continued)

- B. The procedures described in the application dated August 27, 2001 submitted by the licensee.
8. Sealed source leak test certificates shall identify:
- A. The radionuclide, estimated activity, model and serial number of each radionuclide tested;
- B. The date of sample collection,
- C. The name of the individual who collected the sample and
- D. The date of sample analysis;
- E. The name of the individual who performed the leak test sample analysis; and
- F. The results of each test in units of  $\mu\text{Ci}$  or Bq.
9. A. The licensee shall have radiation survey instrument(s) used to establish compliance with 32 Ill. Adm. Code calibrated by a person specifically authorized by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services. Records of radiation survey instrument calibrations shall be maintained for Department inspection.
- B. The licensee is authorized to perform radiation survey instrument calibrations in accordance with statements, representations and procedures listed in other conditions of this license. The licensee is authorized to perform radiation survey instrument calibrations as a customer service for other licensees.
10. Each radiation survey instrument calibration certificate shall include an appropriate scale correction factor each time the exposure rate indicated by the radiation survey instrument differs from the true exposure rate by more than plus or minus ten percent.
11. This license does not authorize commercial distribution of radioactive material.
12. The licensee shall not use radioactive material in or on humans or in applications where radioactive material is released to the environment except as provided otherwise by specific condition of this license.

\*  $\mu\text{Ci}$ -microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu\text{g}$ -microgram; kg-kilogram

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13. Radioactive material shall not be used in products distributed to the general public.
14. Sealed sources containing radioactive material shall not be opened.
15. Individuals who work in, or whose duties may require them to work in restricted areas, shall be instructed in the items specified in 32 Ill. Adm. Code 400.120 at the time of initial employment and at least annually thereafter. The licensee shall maintain records of initial and annual employee training for Departmental inspection for 5 years from the date on which the training was given. The record shall contain a signed statement the individuals have received the information in 32 Ill. Adm. Code 400.120 and understand it, and the date(s) the training was received by the individuals.
16. The licensee shall conduct a physical inventory at intervals not to exceed six months to account for each sealed source received and possessed under the license and shall maintain a record of such inventories. The inventory records shall include the radionuclide, activity, activity assay date, manufacturer, model and serial number, the location of the sealed source, date of the inventory and the identity of the individual(s) performing the inventory. Records of inventories shall be maintained for five years from the date of each inventory.
17. Except as otherwise specified in the license, the licensee shall have available and follow the instructions contained in the manufacturer's instruction manual for each device authorized by this license.
18. A. The source holder shall be locked in the "off" or closed position:
- (1) During any manipulation of a density or level gauge, including the source holder or the detector, that involves physical movement of the device and/or separation from a pipe or vessel, including installation, relocation, or storage; and
  - (2) When individuals are working on or adjacent to a density or level gauge during periods of shutdown; and
  - (3) Whenever an individual enters a vessel in which such a gauge is located; and
  - (4) Whenever a vessel with such a gauge is empty and an individual is working around the exterior of the vessel.
- B. Records of each removal or relocation shall be maintained which provide certification that the source holder has been locked in the "off" or closed position, a description of each location and the dates of the relocation and removal.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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19. This license does not authorize the performance of repairs or alterations to sealed irradiation sources.
20. In addition to the possession limits stated in License Schedule Items A. through C., D., G. through K., L. and N., the licensee shall further restrict the possession of licensed material to quantities not to exceed the applicable limits referenced in Appendix A to 32 Ill. Adm. Code 326. For combinations of nuclides, the licensee must maintain a record for Department inspection demonstrating for all possessed nuclides that the sum of the ratios of the quantity authorized and the limit established in Appendix A is not greater than one.
21. A. Source installation, initial radiation monitoring or removal from service of sources containing radioactive material shall be performed by, or under the supervision of, Stan A. Huber or performed by other persons specifically authorized by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.
- B. Maintenance and repair of devices shall be performed only by the manufacturer or by other persons specifically authorized by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.
22. Prior to distribution of devices and after installation of each generally licensed device, the licensee shall conduct radiation monitoring to ensure that radiation levels do not exceed those specified in the license authorizing the manufacture or distribution of the installed device. Records of the monitoring conducted prior to distribution shall be maintained by the manufacturer/distributor. The licensee shall furnish the customer a copy of a radiation monitoring report showing results of monitoring conducted at the time of installation.
23. The licensee shall:
- A. Furnish a copy of the general license contained in 32 Ill. Adm. Code 330.220(b) to each person to whom he directly or through an intermediate person transfers radioactive material in a device for use pursuant to the general license contained in 32 Ill. Adm. Code 330.220(b).

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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- B. Furnish a copy of the general license contained in an Agreement State's or a Licensing State's regulation equivalent to 32 Ill. Adm. Code 330.220(b) or alternatively, furnish a copy of the general license contained in 32 Ill. Adm. Code 330.220(b) to each person to whom he directly or through an intermediate person transfers radioactive material in a device for use pursuant to the general license of the Agreement State or Licensing State. If a copy of the general license in 32 Ill. Adm. Code 330.220(b) is furnished to such a person, it shall be accompanied by a note explaining that the use of the device is regulated by the Agreement State or Licensing State under requirements substantially the same as those in 32 Ill. Adm. Code 330.220(b).
- C. Copies of 32 Ill. Adm. Code 330.220(b) which are distributed shall be prefaced by words substantially as follows: "Excerpts from the Illinois Department of Nuclear Safety's Regulations for Radiation Protection."
24. A. The licensee shall only distribute those sealed sources and/or devices for which a Sealed Source and Device Registry (SS&D) Evaluation Sheet has been issued by the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State. Sealed sources and/or devices must be manufactured and/or distributed in accordance with all statements and representations, including the description of the quality assurance program that provided the basis for issuance of the SS&D Evaluation Sheet. Prior to distribution, any changes in the design, production process, specifications of a product, sealed source or device shall be approved by the Department.
- B. The licensee shall maintain an active and valid SS&D Evaluation Sheet for each product, sealed source or device which it distributes. The licensee may repair, maintain and service products, sealed sources or devices previously distributed which are part of an inactive SS&D evaluation issued to the licensee. However, the licensee may not continue to manufacture or distribute such products, sealed sources or devices.
- C. These requirements shall not apply to the following:
- 1) Calibration and references sources not exceeding:
    - a. For beta/gamma emitting material, 3.7 MBq (100 uCi) or ten times the quantity specified in 32 Ill. Adm. Code 330.Appendix B, whichever is greater; or
    - b. For alpha emitting materials, 370 kBq (10 mCi).
  - 2) Sealed sources and devices distributed to specific licensees of broad scope.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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28. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with statements, representations and procedures contained in, referenced in, or enclosed with the documents listed below. The regulations contained in 32 Ill. Adm. Code: Chapter II, Subchapters b and d shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations. The most recent statements, representations and procedures listed below shall govern if they conflict with previously submitted documents.
- A. Application dated August 27, 2001.
  - B. Letters, with attachments, dated December 11, 2000 and November 12, 2001.
  - C. Letter dated July 5, 2001.
  - E. Quality Assurance Manual dated May 2, 2000.

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\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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- 3) Sealed sources and devices distributed to licensees authorized for "research and development" as defined in 32 Ill. Adm. Code 310.20 provided the licensee is authorized for the radionuclide and quantity in an unsealed or unshielded form.
- D. Sealed sources and devices as described in C(2) and (3) above shall not be subsequently transferred to other licensees, except to licensed waste brokers or licensed disposal facilities.
25. The licensee shall notify the Department in writing within 24 hours of receipt of information regarding any defect, deviation or operation affecting the integrity of a sealed source or device such that a substantial safety hazard exists or could exist. The written report shall include: the name of the individual making the report; identification of the facility where the problem occurred; identification of the defect, deviation or operation (including the make and model of the source and/or device; activity and activity assay date of the source); date of the event; date of initial notification; identification of other potentially affected facilities; and a description of corrective actions.
26. Any proposed change in primary packaging, product shielding, product labeling or instruction manual which changes either exposure to handlers and users or recommended uses of material, shall be submitted to and approved by the Department prior to implementing the changes. Any other change to packaging, shielding, labeling or instruction manual shall be maintained by the licensee and available for inspection by representatives of this Department.
27. In addition to the possession limits stated in License Schedule Items I. and J., the licensee shall further restrict the possession of licensed material to quantities not to exceed the applicable limits referenced in Appendix C to 32 Ill. Adm. Code 330 that require consideration of the need for an emergency plan in accordance with 32 Ill. Adm. Code 330.250(e) for responding to a release of licensed material. For combinations of nuclides, the licensee must maintain a record for Department inspection demonstrating for all possessed nuclides that the sum of the ratios of the quantity authorized and the limit established in Appendix C is not greater than one.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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