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October 11, 1996

VIA TELECOPIER

Ms. Chad McCormick
FOIA Coordinator
Nuclear Regulatory Commission
801 Warrenville Road
Lisle, Illinois 60532

FOIA/PA REQUEST

Case No: 96-410
Date Rec'd: 10-16-96
Action Off: Reed
Related Case:

Dear Ms. McCormick:

This is a request for records pursuant to the Freedom of Information Act. Specifically, we request the following records pertaining to Associated LLRW, Inc. ("ALLRW"):

- All documentary records of any sort, including correspondence between Nuclear Regulatory Commission ("NRC"), any agency of the State of Illinois, ALLRW and its employees and agents, and specifically Stan A. Huber and Thomas G. Gallant, regarding ALLRW's applications for a low-level radioactive waste license and a radioactive materials license for ALLRW's proposed low-level radioactive waste storage and brokerage facility to be located in the Village of Rockdale, Illinois ("ALLRW Facility");
- Any Technical Assistance Requests made to NRC, and NRC's responses thereto, regarding the proposed licensing or operation of the ALLRW Facility.

We authorize in advance administrative and copying charges up to \$50.00; please contact the undersigned if this limit will be exceeded. Thank you for your attention to this request.

Sincerely,



James E. Mitchell
Law Clerk

STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY

RADIOACTIVE MATERIAL LICENSE

DIVISION OF RADIOACTIVE MATERIALS
1835 OUTER PARK DRIVE
SPRINGFIELD, ILLINOIS 62764

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 hereinafter made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) from/through 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 certifies that the licensee has registered the sources of radiation listed below in accordance with Section 2 of the Radiation Installations Act.

LICENSEEStan A. Huber Consultants, Inc.
200 North Cedar Road
New Lenox, Illinois 60451LICENSE NUMBER

IL-01013-01

EXPIRATION DATE

November 30, 1996

AMENDMENT NUMBER

10

Attention: Stan A. Huber
President

In accordance with letter dated April 27, 1995, License Number IL-01013-01 is amended in its entirety. Previous amendments are void.

ITEM	RADIOISOTOPE	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.	I-125	Sealed sources - Amersham Model IMC-P2 or ABCL Model C-324	500 mCi	1,000 mCi
E.	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
F.	Any with half- life less than 100 days	Any	15 mCi	3,000 mCi

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerels; GBq-Gigabecquerels; TBq-Terabecquerels; g-grams; μ g-micrograms; kg-kilogram

APPROVED BY:

DATE

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Joseph G. Klinger, Head of Licensing Section

April 26, 1996

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IL-473-008

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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	10	November 30, 1996

ITEM	RADIONUCLIDE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
G.	Any with half-life greater than 100 days	Any	200 μ Ci	3,000 mCi
H.	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
I.	Any	Environmental, wipe or leak test sample	Any	10 Ci
J.	Any, except as noted below	Any	Any	Any
K.	Special Nuclear Material	Any	Any	As per 32 Ill. Adm. Part 310.20
L.	U-238 (depleted)	Solid Metal		600 kg
M.	U-238 (depleted)	Metal dispersed in sand.	.377 kg (127 μ Ci)/ 55 gallon drum	296 kg (99.9 mCi)

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

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Joseph G. Klinger, Head of Licensing Section
IL 475-0009

April 26, 1996

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STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Stan A. Huber Consultants, Inc.	IL-01013-01	10	November 30, 1996

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. For possession, storage, and use in Lixiscope devices or bone densitometry devices incident to demonstration and training of individuals.
- E. through G. For possession and use as check, calibration, or reference sources.
- H. For use incident to removal, recovery, operational checks, and surveys of gauges or devices in accordance with manufacturer's instructions/recommendations.
- I. For possession and use as contamination incidental to sample analysis.
- J. For use incidental to decontamination, decommissioning, surveying, packaging, and transfer.
- K. For possession as contamination incidental to sample analysis and, for use incidental to decontamination, decommissioning, surveying, packaging, and transfer.
- L. For possession, storage, and use as shielding. Not for distribution as defined in 32 Ill. Adm. Code 331.30.
- M. For possession, use, storage and transfer as shielded containers. Not for distribution as defined in 32 Ill. Adm. Code 331.30. Transfer shall be made only to Westinghouse Corp., U.S. NRC License No. SNM-47 for use and disposal at the U.S. Department of Energy's Waste Isolation Pilot Plant, Carlsbad, New Mexico, or other facilities authorized for radioactive waste disposal by the U.S. Department of Energy, the U.S. Nuclear Regulatory Commission or an Agreement State.

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-megabecquerel; GBq-gigabecquerel; TBq-terabecquerel; g-gram; μ g-microgram; kg-kilogram

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Joseph G. Klinger, Head of Licensing Section
IL 473-0238

April 26, 1996

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STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Stan A. Huber Consultants, Inc.	IL-01013-01	10	November 30, 1996

CONDITIONS

1. A. Radioactive material listed in Items A. through G., I., K. (only for sample analysis) and L. 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 A. through L. shall be used at temporary job sites of the licensee in the State of Illinois in accordance with statements, representations and procedures listed in other conditions of this license.
- C. Radioactive material listed in Item M. shall be used only at Alessio Industrial Park, 800 Moen Avenue, Rockdale, Illinois in accordance with statements, representations and procedures listed in other conditions of this license.
2. 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 October 23, 1992 and letters, with attachments, dated January 25, 1993, April 2, 1993, June 7, 1995 (Item 19) and August 24, 1995 (items 4 and 11). The licensee shall maintain training records of all designated users.
3. The Radiation Safety Officer for this license is James V. Marsicek.
4. 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;

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; mg-milligram; kg-kilogram

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Joseph G. Klinger, Head of Licensing Section
IL 675-0059

April 26, 1996

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STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Stan A. Huber Consultants, Inc.	IL-01013-01	10	November 30, 1996

Condition 4. continued)

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.

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.

5. A. Each sealed source 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 letter, with attachments, dated January 25, 1993 and April 2, 1993 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.

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-megabecquerel; GBq-gigabecquerel; TBq-terrabecquerel; g-gram; μ g-microgram; kg-kilogram

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Joseph G. Klinger, Head of Licensing Section
IL 475-0859

April 26, 1996

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STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Stan A. Huber Consultants, Inc.	IL-01013-01	10	November 30, 1996

(Condition 5. continued)

- 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 and its calculated activity as of the date of the test or the activity and activity assay date, the measured activity of each test sample expressed in Bq or μCi , 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).
6. 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;
- B. The procedures described in the letters, with attachments, submitted by the licensee, dated January 25, 1993 and April 2, 1993;
7. 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 μCi or Bq.

* μCi -microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μg -microgram; kg-kilogram

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Joseph G. Klinger, Head of Licensing Section
L 473-0099

April 26, 1996

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STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Stan A. Huber Consultants, Inc.	IL-01013-01	10	November 30, 1996

8. 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.
9. 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.
10. This license does not authorize commercial distribution of radioactive material.
11. 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.
12. Radioactive material shall not be used in products distributed to the general public.
13. Sealed sources containing radioactive material shall not be opened.
14. 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 five years from the date on which the training was given.

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

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Joseph G. Klinger, Head of Licensing Section
E. 47-0039

April 26, 1996

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IDNS.FLM-004-02 (3/91)

STATE OF ILLINOIS
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RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Stan A. Huber Consultants, Inc.	IL-01013-01	10	November 30, 1996

15. 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.
16. 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.
17. 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.
18. This license does not authorize the performance of repairs or alterations to sealed irradiation sources.

* μ C-microcurie; mC-millicurie; CC-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

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Joseph G. Klinger, Head of Licensing Section
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IDNS,PL14-014 (1/90)

STATE OF ILLINOIS
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RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Stan A. Huber Consultants, Inc.	IL-01013-01	10	November 30, 1996

19. The licensee shall further restrict the possession of unsealed licensed material or dispersible source material to quantities less than 1000 times the applicable limits referenced in Appendix C to 10 CFR 20. Radioactive material in sealed or non-dispersible form shall not exceed 1E+10 times the applicable limits referenced in Appendix C to 10 CFR 20.
20. A. Installation, initial radiation survey, relocation, or removal from service of devices 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 and installation, replacement and disposal of sealed sources containing radioactive material used in the 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.
21. 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 October 23, 1991.
- B. Letters with attachments dated January 25, 1993, April 2, 1993, May 26, 1993, September 7, 1993, April 27, 1995, June 7, 1995, June 27, 1995, August 24, 1995, and April 18, 1996.
- C. Letters dated July 1, 1993, April 26, 1994, November 14, 1994 and May 11, 1995.

JGK:GTV:m

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-megabecquerel; GBq-gigabecquerel; TBq-terrabecquerel; g-gram; μ g-microgram; kg-kilogram

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Joseph G. Klinger, Head of Licensing Section
1.475-0299

April 26, 1996

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