

ACCEPTANCE REVIEW MEMO (ARM)

Licensee: Thunder Mountain Evaluation Center **License No.:** 02-27755-01

Docket No.: 030-36263 **Mail Control No.:** 471137

Type of Action: Term **Date of Requested Action:**

Reviewer Assigned: **ARM reviewer(s):** Browder

Response	Deficiencies Noted During Acceptance Review
N/A	<ul style="list-style-type: none"> [] Open ended possession limits. Limit possession. Submit inventory. [] Submit copies of most recent leak test results. [] Add - delete IC license condition. Add IC paragraph in cover letter. [] Split license from cover letter. Add SUNSI marking to license. [] Ask the licensee if they have any type-amount of EPAct Material.

Reviewer's Initials: VB **Date:** 10/16/06

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

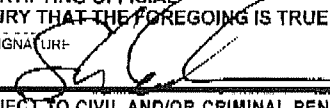
Branch Chief's and/or Sr. HP's Initials: JAC **Date:** 10/16/06

471137

ATTN: Rachel Browder ^{Fax #} 817-860-8263
From: Stacy G. Wright -520 249 6552

Re License # 02-27755-01
Docket # 030-36263

4 pages -including cover

<p>NRC FORM 314 (6-2004) 10 CFR 30.36(g)(1), 40.42(g)(1), 70.38(g)(1), and 72.54(g)(1)</p> <p style="text-align: center;">U.S. NUCLEAR REGULATORY COMMISSION</p> <p style="text-align: center;">CERTIFICATE OF DISPOSITION OF MATERIALS</p>	<p>APPROVED BY OMB: NO. 3160-0028 EXPIRES: 06/30/2007</p> <p><small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to Infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOR-10207, (3150-0028), 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.</small></p>
<p>LICENSEE NAME AND ADDRESS <i>Thunder Mountain Evaluation Center Bldg 54322 Arizona St. Ft. Huachuca Az 85613</i></p>	<p>LICENSE NUMBER DOCKET NUMBER <i>02-27755-01</i> <i>030-36263</i></p> <p>LICENSE EXPIRATION DATE <i>June 30 2013</i></p>
<p><input type="checkbox"/> This license has expired. <input checked="" type="checkbox"/> A. LICENSE STATUS (Check the appropriate box) This license has not yet expired; please terminate it.</p>	
<p style="text-align: center;">B. DISPOSAL OF RADIOACTIVE MATERIAL <i>(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)</i></p> <p>The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:</p> <p><input checked="" type="checkbox"/> 1. No radioactive materials have ever been procured or possessed by the licensee under this license.</p> <p><input type="checkbox"/> 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. Transfer of radioactive materials to the licensee listed below:</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. Disposal of radioactive materials:</p> <p style="margin-left: 40px;">1. Directly by the licensee:</p> <p style="margin-left: 40px;">2. By licensed disposal site:</p> <p style="margin-left: 40px;">3. By waste contractor:</p> <p style="margin-left: 20px;"><input type="checkbox"/> c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.</p>	
<p style="text-align: center;">C. SURVEYS PERFORMED AND REPORTED</p> <p><input type="checkbox"/> 1. A radiation survey was conducted by the licensee. The survey confirms:</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. the absence of licensed radioactive materials</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.</p> <p><input type="checkbox"/> 2. A copy of the radiation survey results:</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. is attached; or <input type="checkbox"/> b. is not attached (Provide explanation); or <input type="checkbox"/> c. was forwarded to NRC on: _____ Date _____</p> <p><input checked="" type="checkbox"/> 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> a. The results of the latest leak test are attached; and/or <input type="checkbox"/> b. No leaking sources have ever been identified.</p>	
<p>The person to be contacted regarding the information provided on this form:</p> <p>NAME <i>Stacy G. Wright</i> TITLE <i>Director</i> TELEPHONE (Include Area Code) <i>5202496552</i> E-MAIL ADDRESS _____</p> <p>Mail all future correspondence regarding this license to: <i>P.O. Box 638 Sierra Vista Az 85635</i></p>	
<p style="text-align: center;">C. CERTIFYING OFFICIAL I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT</p> <p>PRINTED NAME AND TITLE <i>Stacy G. Wright</i> SIGNATURE  DATE <i>Oct 11 2006</i></p>	
<p><small>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 RESPECT. 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.</small></p>	

Send all kits and requests to:

SUNTRAC Services, Inc.
1818 East Main Street
League City, TX 77573
(281) 338-2133

ATTN: SIT-KIT

CAUTION: Conduct a survey on the outside of each package placed in the U.S. Mails. Any reading over 0.5 mR/hr at contact with the envelope or package shall not be mailed.

LEAK TEST INVENTORY/REPORT FORM

Company Name: Thunder Mountain Evaluation Cntr.

Address: Bldg. 54322 - Arizona S City: Fort Huachuca State: AZ Zip Code: 85613

Isotope: Cs 137 Activity: 1000 mCi

Source Serial No: 72520 Leak Test Date: 09/22/05

Device Serial No: N/A

Manufacturer: Ohmart Model No.: SH-F245

Smear Taken By: Frederick Jay Ford

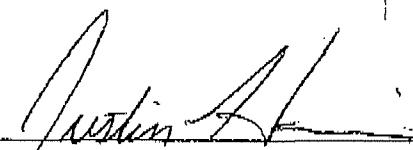
----- DO NOT WRITE BELOW THIS LINE -----

This is to certify that the above described smear/swab has been assayed at our facilities for indication of source leakage.

Our findings show the leakage to be:

ALPHA	BETA-GAMMA
--	<.0001

µCi (Wet)

Certified By:  Date: 09/30/05

SUNTRAC Services, Inc. Representative
(Texas Radioactive License No. LO-3062)

Revisions: November 1993

SSI-02

219205

Re: License #02-27755-01 Docket # 030-36263

To whom it may concern:

The activity at Thunder Mountain Evaluation Center (TMFC) was officially closed by the Department of the Army on 30 Sept 2005. I relayed this information to the NRC, Dallas, Ft. Worth region. TMFC never procured any radioactive materials under this license.



Stacy G. Wright (RETIRED)
Director
TMFC

U.S. NUCLEAR REGULATORY COMMISSION

Date: October 16, 2006

TELEPHONE CONVERSATION RECORD

Mail Control 471137

License No.: 02-27755-01

Docket No. 030-36263

Name of Licensee: Thunder Mountain Evaluation Center

Contact: Stacey Wright

Telephone Number: 520-249-6552

Subject: Thunder Mountain Evaluation Center, verification of status of radioactive material

Summary: The supporting documentation submitted with the NRC Form 313 license termination request for Thunder Mountain Evaluation Center by Mr. Stacey Wright also provided a leak test inventory / report form for one Ohmart Model No. SH-F245, Source Serial Number 72520, with a leak test date of 9/22/05. Mr. Wright's statement indicated that Thunder Mountain never procured any radioactive materials under this license. That is true. The leak test was for a VACIS® inspection system which contained the Cs-137 sealed source serial number 72520, and was owned by U.S. Customs.

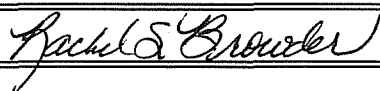
I spoke with Linda Bray (858-826-9664), RSO at SAIC who was aware that U.S. Customs had an old VACIS® system which was going to be used at Thunder Mountain for research. She suggested that I contact Mr. Rick Whitman for confirmation.

I verified with Mr. Rick Whitman by cell phone 317-945-6423, (email richard.whitman@dhs.gov) and he confirmed that U.S. Customs has the device and that Thunder Mountain never purchased material. He is aware that the facility at Thunder Mountain was being closed.

Note:

The SAIC VACIS® inspection system is a gamma ray based system designed to non-intrusively inspect the contents of trucks, containers, and cargo for contraband. VACIS® systems generate gamma rays from either a cesium or cobalt source housed in a container called the source holder, which emits a narrow, vertical fan beam directed at a highly sensitive detector array. As the fan beam penetrates a moving or stationary object, the detector counts the particles passing through the object and transmits these readings to a computer. Using the readings from the detector array, the computer generates a high-resolution image, similar to an x-ray, of the inspected object so that trained operators can analyze the image to determine whether the contents of the evaluated object require further inspection.

Rachel Browder



10/16/06

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LIMS USE)
INFORMATION FROM LTS

Program Code: 03120
Status Code: 0
Fee Category: 3P
Exp. Date: 20130630
Fee Comments:
Decom Fin Assur Reqd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: THUNDER MOUNTAIN EVALUATION CENTER
Received Date: 20061011
Docket No.: 3036263
Control No.: 471137
License No.: 02-27755-01
Action Type: Termination

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed
Date

Colleen Munnalane
10/18/06

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
