

**OFFICIAL RECORD COPY MATERIALS LICENSE**

Amendment No. 7

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with letter dated March 5, 1997	
1.	Professional Service Industries, Inc.	3. License Number	45-25088-01
2.	1788 Island Road, Suite 1 Bristol, Virginia 24201	is amended in its entirety to read as follows:	
		4. Expiration Date	September 30, 2005 (Extended)
		5. Docket or Reference No.	030-31566
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Cesium 137	A. Sealed sources registered under 10 CFR 32.210 or by an Agreement State, in a compatible portable gauging device specified in Item 9. below.	A. No single source to exceed 407 megabecquerels (MBq) (11 millicuries (mCi)) (See Condition 22. below)	
B. Americium 241	B. Sealed sources registered under 10 CFR 32.210 or by an Agreement State, in a compatible portable gauging device specified in Item 9. below.	B. No single source to exceed 11.1 MBq (300 mCi) (See Condition 22. below)	

## 9. Authorized Use:

- A. and B. Sealed source(s) contained in Campbell Pacific Nuclear Corporation, Humboldt Scientific, Inc., Seaman Nuclear Corporation, and/or Troxler Electronic Laboratories, Inc. or other portable gauging devices registered under 10 CFR 32.210 or an equivalent Agreement State regulation and distributed under an NRC or Agreement State License to measure moisture, density or asphalt properties of materials.

## CONDITIONS

10. Licensed material may be used at the licensee's facilities at 1788 Island Road, Suite 1, Bristol, Virginia; **Red Onion Mountain Prison, Route 83, Pound, Virginia** and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number 45-25088-01

Docket or Reference Number ~~030~~-31566

Amendment No. 7

(Continued)

## CONDITIONS

11. The Radiation Safety Officer for the activities authorized by this license is Banan Uteir, or other individuals trained and designated by Adam C. Ackermann, Corporate RSO, in accordance with the application dated June 29, 1995 and letter dated June 22, 1995.
12. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have been trained described in the application dated June 29, 1995, have received copies of, and training in, the licensee's operating and emergency procedures, and have been approved by the Radiation Safety Officer. The licensee shall maintain records of persons designated as users.
13. Sealed sources containing licensed material shall not be opened or removed from the gauging device by the licensee.
14. A.(1) The source(s) specified in Item 7, shall be tested for leakage and/or contamination at intervals not to exceed 6 months, or at such other intervals as specified in the certificate of registration issued under 10 CFR 32.210, or by an Agreement State. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.  
  
(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.  
  
B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.  
  
C. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region II, Division of Nuclear Materials Safety, Nuclear Materials Licensing/Inspection Branch, 101 Marietta Street, Suite 2900, Atlanta, Georgia 30323. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.  
  
D. The licensee is authorized to collect leak test samples for analysis as described in the application dated June 29, 1995, or tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
15. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
16. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under this license.
17. The licensee shall maintain records of information important to safe and effective decommissioning at 1788 Island Road, Suite 1, Bristol, Virginia pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number 45-25088-01

Docket or Reference Number 030-31566

Amendment No. 7

(Continued)

**CONDITIONS**

18. Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.
19. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
20. Any cleaning, maintenance, or repair of the gauges that requires removal of the source rod shall be performed only by the manufacturer or other persons specifically licensed by the Commission or an Agreement State to perform such services.
21.
  - A. If the licensee uses sealed sources or probes containing sealed sources at depths greater than 3 feet, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface.
  - B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U. S. Nuclear Regulatory Commission, Region II, Chief, Nuclear Materials Licensing/Inspection Branch, by telephone, of the circumstance that resulted in the inability to retrieve the source or probe. The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.
22. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number 45-25088-01

Docket or Reference Number 30-31566

Amendment No. 7

(Continued)

23. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated: June 29, 1995 [renewal]

B. Letters dated:

- (1) June 22, 1995 [delegation of authority]
- (2) December 22, 1995 [change storage location]
- (3) January 30, 1996 (training certificate for Mr. Uteir)
- (4) NRC letter dated March 1, 1996 (extends expiration date in accordance with 10 CFR 30.36)
- (5) March 5, 1997 (add temporary job site)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

DATE MAR 25 1997

BY Earl G. Wright

Region II, Division of Nuclear Materials Safety  
101 Marietta Street, N.W., Suite 2900  
Atlanta, GA 30323-0199

N:\MLICENSE\45-25088.a07





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA STREET, N.W., SUITE 2900  
ATLANTA, GEORGIA 30323-0199  
**MAR 26 1997**

INFORMATION FOR NRC MATERIAL LICENSEES

Please find enclosed:

- ☒ Your NRC material license
- ☐ Amendment to your NRC material license
- ☐ Amendment renewing your NRC material license
- ☐ Amendment terminating your NRC material license
- ☐ Notice for Radiographer Quality Assurance Approval Program

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify this office (ATTN: Ms. Diane Heim at (404) 331-4673) so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day in the month and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR 19, "Notice, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Not possess and use materials authorized in Items 6, 7, and 8, on the license until:
  - a. you have constructed the facilities and obtained the equipment described in the license application and supporting documentation; and
  - b. you have notified the U. S. Nuclear Regulatory Commission, Region II, ATTN: Materials Licensing/Inspection Branch, in writing, that activities authorized by the license will be initiated.
  - c. you have submitted and certified implementation of a Quality Management Program (10 CFR 35.32) for radiotherapy, or for administering > 30 uCi of I-125 or I-131.
3. Notify NRC, in writing, within 30 days:
  - a. when an authorized user, Radiation Safety Officer, or Teletherapy Physicist permanently discontinues performance of duties under the license or has a name change; or
  - b. when the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).
4. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
  - a. when you decide to terminate all activities involving materials authorized under the license; or
  - b. if you decide not to complete the facility, acquire equipment, or possess and use authorized material.

5. Request and obtain a license amendment before you:
  - a. receive or use byproduct material for a clinical procedure permitted under Part 35 but not permitted by your license issued pursuant to this part.
  - b. permit anyone, not authorized under 10 CFR 35, Subpart J, to work as an authorized user under a license for medical use of byproduct material.
  - c. permit anyone, not authorized under 10 CFR 35, Subpart J, to work as a Radiation Safety Officer, Teletherapy Physicist, or Nuclear Pharmacist, under a license for medical use of byproduct material.
  - d. order byproduct material in excess of the amount, or a different radionuclide or form, other than authorized on the license;
  - e. add or change the areas of use or address (or addresses) of use identified in the license application or on the license; or
  - f. change ownership of your organization.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. Transfer of licensed materials must be consistent with 10 CFR 30.41, 40.51 or 70.42, as applicable. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a Notice of Violation, or imposition of a Civil Penalty, or an order suspending, modifying or revoking your license as specified in the "General Statement of Policy and Procedures for NRC Enforcement Actions," NUREG-1600, (7/95). Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken against those who do not achieve the necessary attention to detail and standard of compliance expected of licensees.

Thank you for your cooperation.

Enclosures:

1. NRC License
2. Category Marked Below for:
  - ☐ New licenses: NUREG-1600 (7/95); 19; 20; 30; 40 or 70, as appropriate; 71; 170; NRC Form 3; Agreement State list; and NRC Form 313.
  - ☐ New radiography licenses: Parts 34; 150.
  - ☐ New medical and teletherapy licenses: Part 35.
  - ☐ Amendments and renewals: NRC Form 313.

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BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

(FOR LFMS USE)  
INFORMATION FROM LTS

Program Code: 03121  
Status Code: 0  
Fee Category: 3P  
Exp. Date: 20050930  
Fee Comments:  
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED

Applicant/Licensee: PROFESSIONAL SERVICE INDUSTRIES, INC  
Received Date: 970311  
Docket No: 3031566  
Control No.: 257418  
License No.: 45-25088-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: 300.00  
Check No.: 979819

3. COMMENTS

Signed diane heim  
Date 3/14/97

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered N)

1. Fee Category and Amount: 3P \$300

2. Correct Fee Paid. Application may be processed for:

Amendment ☒  
Renewal ☐  
License ☐

3. OTHER

Signed Rita Spessard  
Date 3/19/97

Log MAR 22 1997  
Remitter  
Check No. 979819  
Amount \$300  
Fee Category 3P  
Type of Fee Amend  
Date Check Rec'd. 3/19/97  
Date Completed  
By: [Signature]

097 MAR 19 AM 8:59

March 5, 1997

U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Attention: Radioactive Materials Licensing Section

Re: USNRC RAM License No. 45-25088-01  
Amendment Request

Gentlemen:

Professional Service Industries, Inc. (PSI) requests an amendment to USNRC Radioactive Materials (RAM) License No. 45-25088-01 to add the following long term temporary job site to the list of authorized storage locations in Condition 10. of the license:

Professional Service Industries, Inc. (PSI)  
Red Onion Mountain Prison  
Route 83  
Pound, Virginia 24279  
(annotated diagram attached)

A check in the amount of \$300.00 is enclosed to cover the amendment processing fee.

Should you have any questions, please contact me at 630/691-1490 (x 320).

Sincerely,



Adam C. Ackermann  
Radiation Safety Director

ACA\

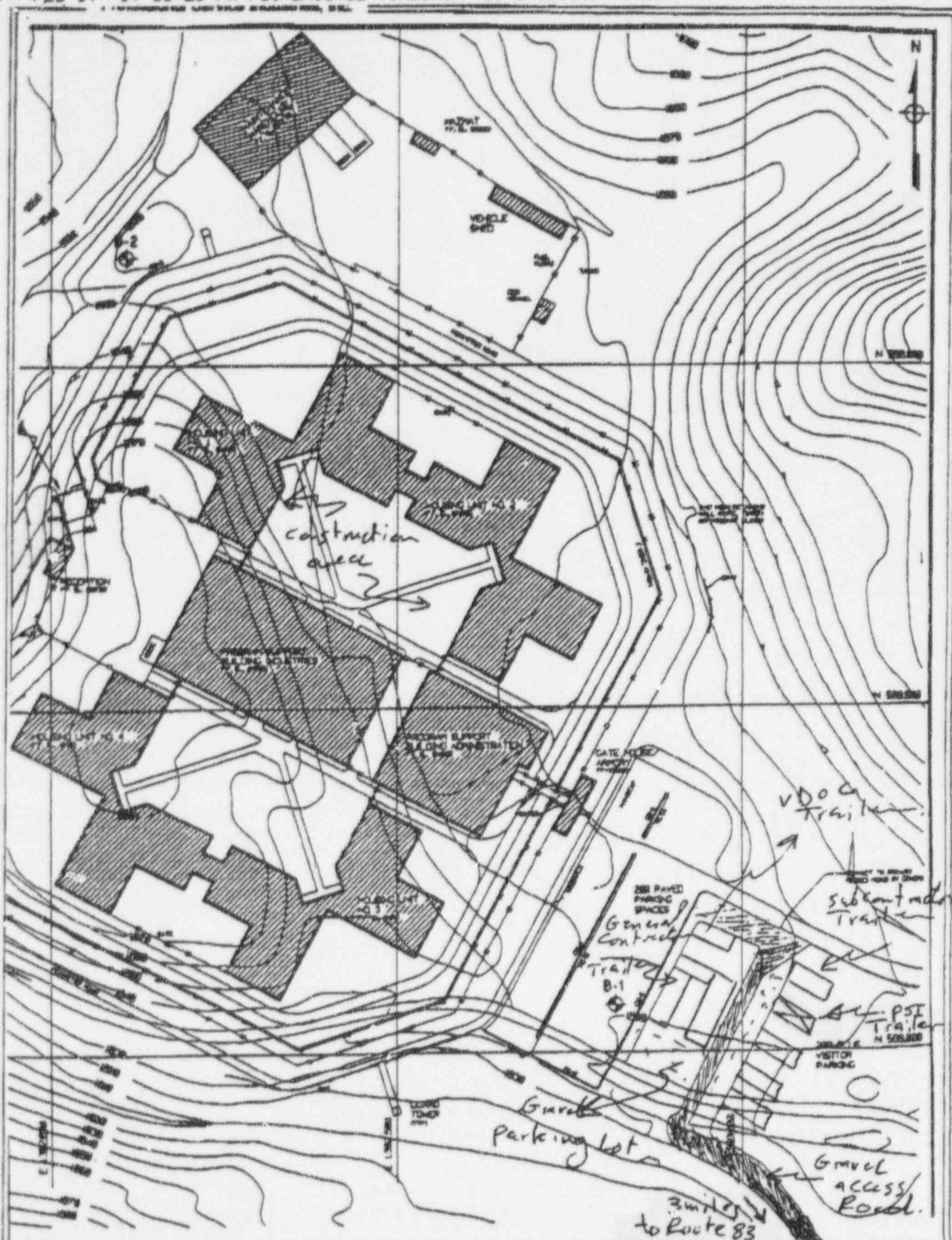
Attachment(s) - 4  
Enclosure(s) - 1

cc: B. Uteir - Bristol, VA  
File

257418

*Information To Build On*





PROJECT NAME

PSI Trailer - Temp. Storage  
Route 83  
Pound, Virginia 24279

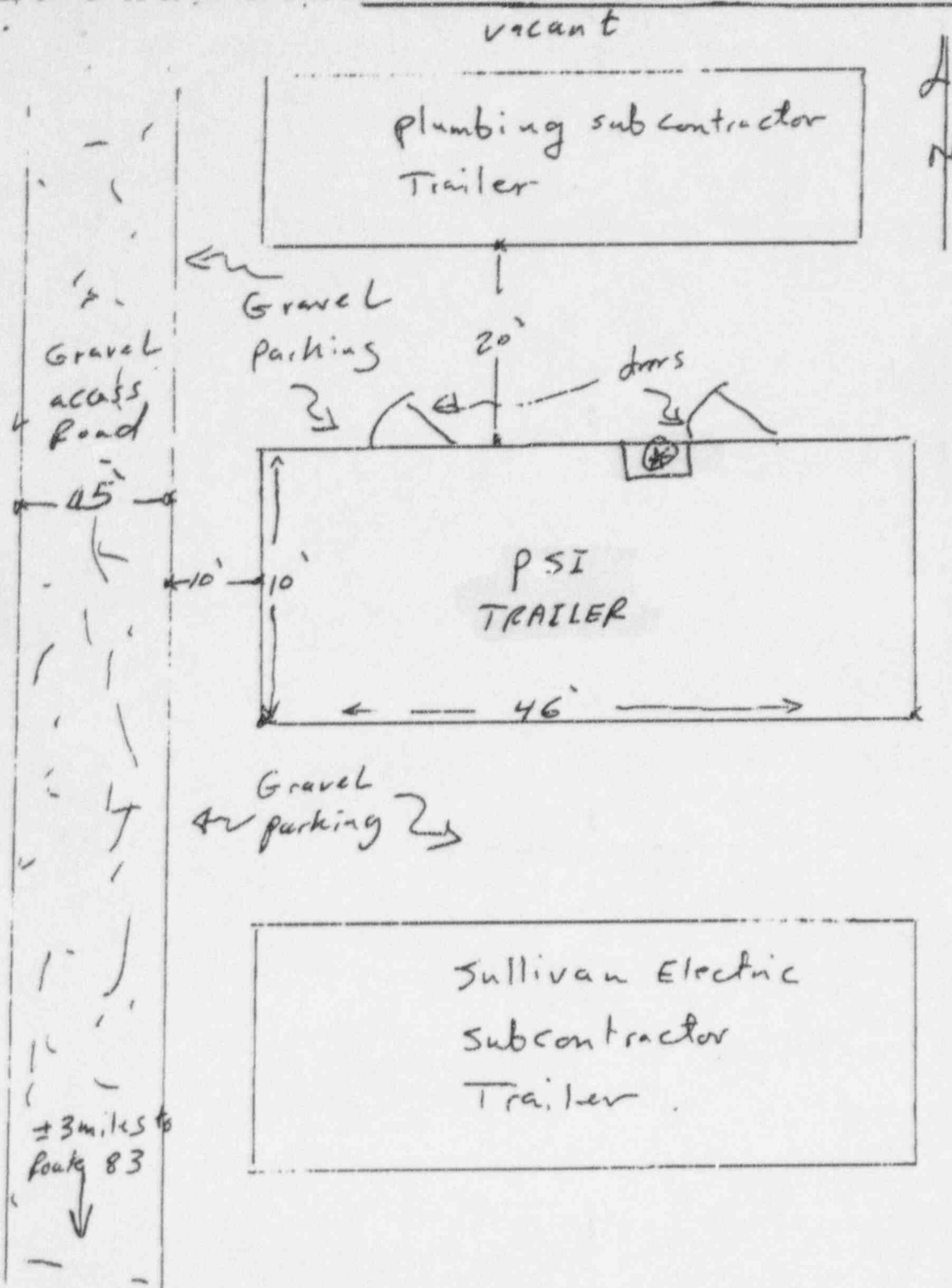
General location  
Map.

DRW. NO.

PROJECT NO.

Fed on on Mtn  
Prison

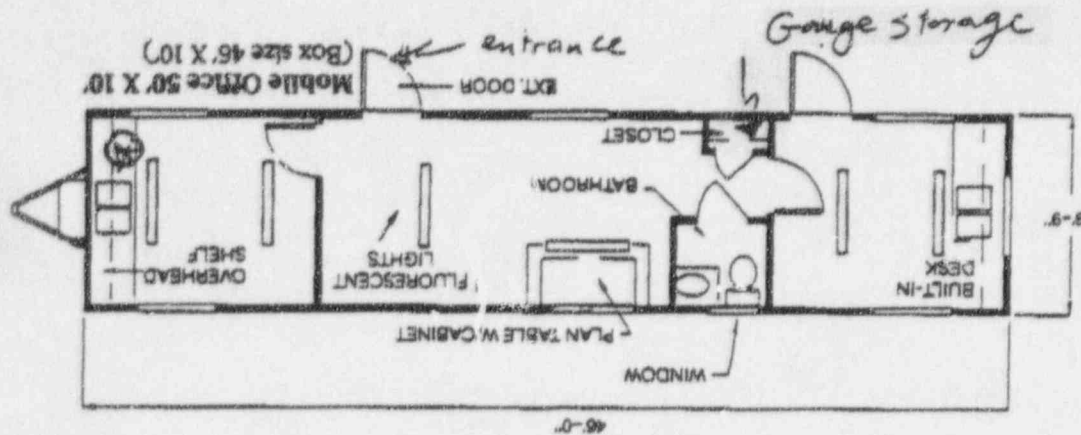
DATE



Ⓢ Gauge Temporary storage

NOT TO SCALE

PROJECT NAME PSI Trailer 540-796-5236 Route 83 Pound, Virginia 24279	Zoning: NOT Zoned PROJECT NO. Reclamation mtn prsnr.	DPTH. NO. DATE
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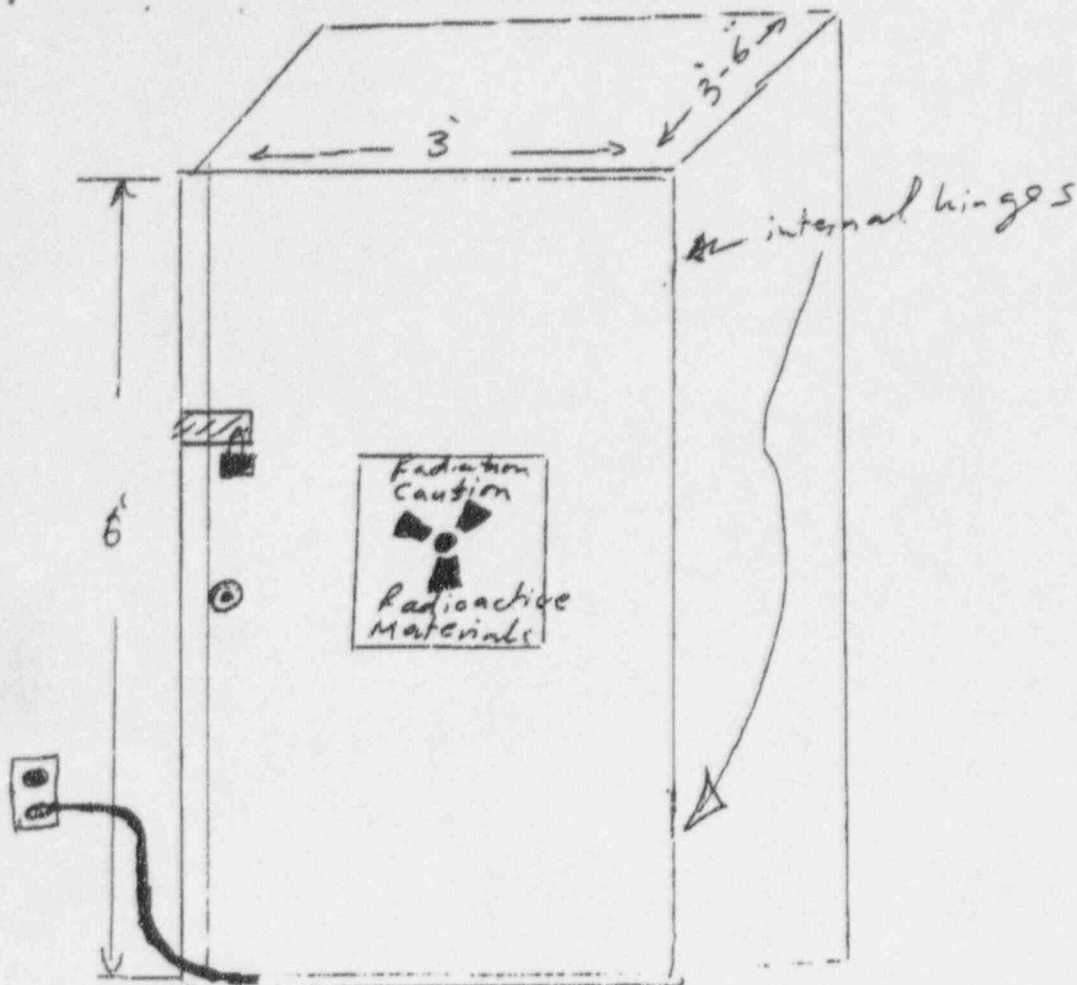


Gravel  
parking lot

⊛ Film Badge  
Storage

NOT TO SCALE

PROJECT NAME PSI Trailer - Temp storage Route 83 Pound, Virginia 24279	fed min Mtn prison	DRAW. NO.
PROJECT NO.	DATE	



### Notes

- 1) storage: changed in storage - stored in Transport case.
- 2) security: Built in cabinet - Fixed to Floor & wall. locked w/ Hasp, Padlock. Built in hinges (internal) only certified operators have access to keys
- 3) construction - wood - door is 1 inch double plywood.
- 4) posting - posted with all appropriate signs.

NOT to scale.

PROJECT NAME PSI Trailer - Temp storage Route 83 Pound, Virginia 24279		PROJECT NO.		DATE	
PROJECT NO.		DATE		DRAW. NO.	

257418