

Harding Lawson Associates



April 1, 1983

Materials Licensing Branch
U.S. Nuclear Regulatory Commission
Mail Stop 396055
Washington, D. C. 20555

Attention: Mrs. Isabel Martin

Gentlemen:

Re: USNRC Control No. 13310

We have received your letter dated February 1, 1983 and subsequently discussed the three points of the letter with Brenda E. Brown of your office.

Attached to this letter are two (2) copies of the State of California, Department of Public Health, Radioactive Material License listing Messrs. Jay M. England and Randolph R. Ross. Ms. Brown informed Mr. John Chambers of this office that this copy would satisfy documentation of the initial training of these two people. In addition, it was requested that Mr. Chambers provide Messrs. England and Ross with refresher training relative to this license. This training will be accomplished and a letter sent to you verifying the fact.

The intent of our application dated October 27, 1982 Item 8 is that authorization for the Troxler Models 3411 B either/or 2411 Gauges be granted to HLA.

Attached is a sketch of Gauge Storage Facility at our new location. This sketch replaces the sketch dated 10/82 for the 624 West International Airport Road location.

Very truly yours,

HARDING LAWSON ASSOCIATES

John R. Chambers
John R. Chambers
Senior Engineer

JRC/sr/0012C

RECEIVED

APR 21 1983

U.S. NRC, RV

- Attachments: 1. State of California Department of Public Health
Radioactive Material License
2. Amended Sketch of Gauge Storage Facility

8507170677 850523
REGS LIC30
50-21238-01

PDR

COPIES SENT TO OFF. OF
INSPECTION AND ENFORCEMENT

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Geologists &
Geophysicists

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Alaska
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Colorado

Hawaii
Illinois
Nevada

Texas
Washington
Saudi Arabia

RADIOACTIVE MATERIAL LICENSE

Pursuant to the California Administrative Code, Title 17, Chapter 5, Subchapter 4, Group 2, Licensing of Radioactive Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, use, possess, transfer or dispose of radioactive material listed below, and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Department of Public Health now or hereafter in effect and to any conditions specified in this license.

1. Licensee Harding, Miller, Lawson & Associates 55 Mitchell Boulevard 2. Address (P. O. Box 3030) San Rafael, CA 94902 Attention: John M. Pearson Radiation Safety Officer		3. License no. 1639-59 is hereby amended in its entirety Amendment no. 11 4. Expiration date December 15, 1977 5. Inspection agency Division of Industrial Safety n	
6. Nuclides A. Radium 226/ Beryllium B. Cesium 137 and Americium 241/Beryllium C. Cesium 137 and Americium 241/Beryllium D. Radium 226/Beryllium		7. Form A. Sealed source (Troxler Dwg. No. A-100604A) B. Sealed source (Troxler Dwg. No. A-100281B) C. Sealed source (CPNC Model 131-1) D. Sealed sources (Troxler Dwg. No. 100280B)	
		8. Possession limit A. 1 source of 4 millicuries Radium B. 1 source of 10 millicuries of Cesium 137 and 50 millicuries of Americium 241. C. 1 source of 10 millicuries of Cesium 137 and 50 millicuries of Americium 241. D. 8 sources, each of 3 millicuries Radium 226.	
9. Authorized use A. As component of Troxler Electronics Laboratories, Inc. Model 1351 for depth density measurements of soils and aggregates. B. As component of Troxler Electronics Laboratories, Inc. Model 1403 for moisture and density measurements of soils and aggregates.			
(cont'd)			
10. Radioactive material may be used at temporary job sites of the licensee in areas not under exclusive Federal jurisdiction throughout the State of California. Radioactive material may be permanently stored only at (a) 55 Mitchell Boulevard, San Rafael, California; (b) 1142 State Farm Drive, Santa Rosa, California; (c) 2151 Arnold Industrial Highway, Concord, California.			
11. Radioactive material may be used only by, or under the supervision and in the physical presence of, the following individuals: (a) John Pearson (h) Dennis H. Furby (o) Mark B. Junior (v) Gary E. Underdahl (b) Robert Barton (i) Donald G. Gray (p) Duane L. Miller (w) Jerome Williams (c) Marion Bell (j) Keith S. Gregory (q) Ray M. Pezonella (d) Herold T. Coleman (k) Jere A. Giblin (r) Joe Phaby (e) Jim Davies (l) Juan B. Hidalgo (s) W. Lee Randolph (f) Marvin Davis (m) Earl Keables (t) Frank L. Rollo (g) Jay M. England (n) D. Mike Lallatin (u) Randy R. Ross			
12. The radiation safety officer in this program shall be John M. Pearson.			

RADIOACTIVE MATERIAL LICENSE

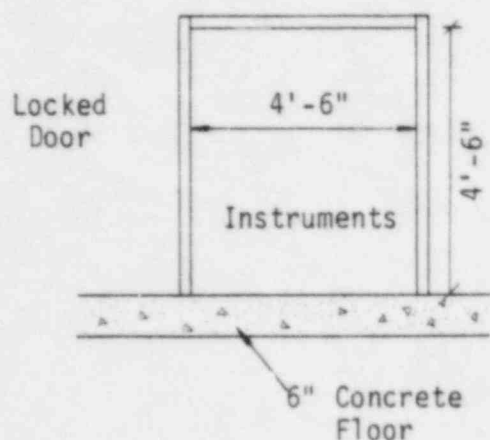
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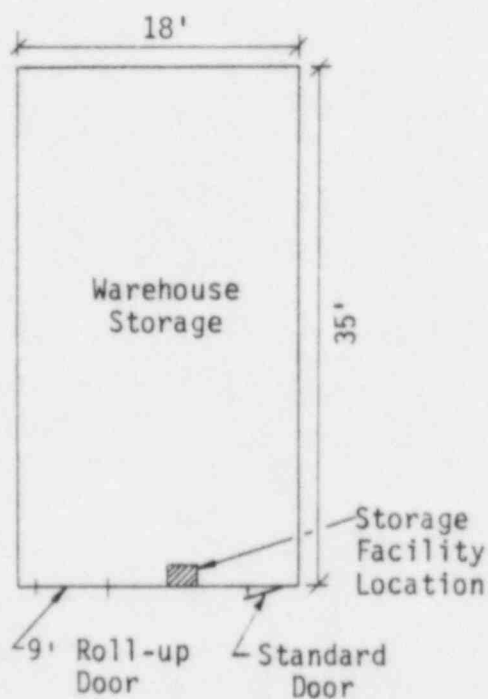
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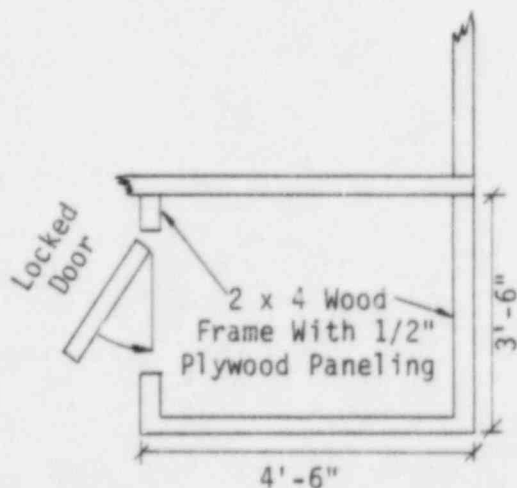
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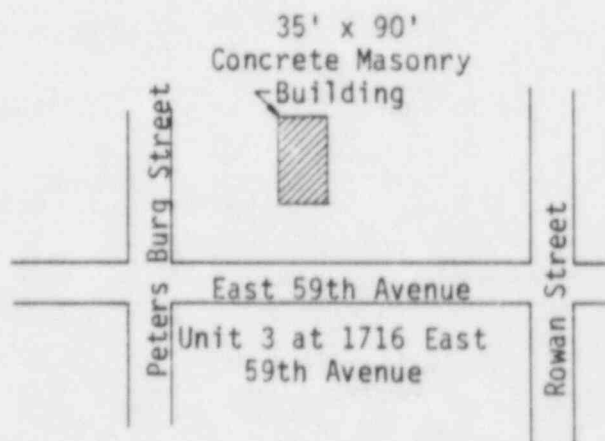
Elevation
N.T.S.



Unit 3 Floor Plan
N.T.S.



Plan
N.T.S.



Location Plan
N.T.S.



Harding Lawson Associates
Engineers, Geologists
& Geophysicists

Sketch of Gauge Storage Facility

Harding Lawson Associates
1716 East 59th Avenue
Anchorage, Alaska

PLATE

1

DRAWN
[Signature]

JOB NUMBER

APPROVED

J. R. Chambers

DATE

4/83

REVISED

DATE