

SAFETY INSPECTION

1. LICENSEE <b>Shannon &amp; Wilson, Inc.</b> <b>dba Arctic Alaska Testing Laboratories</b> <b>2055 Hill Road</b> <b>P. O. Box 843</b> <b>Fairbanks, Alaska 99707</b>		2. REGIONAL OFFICE <b>U. S. Nuclear Regulatory Commission</b> <b>Region V</b> <b>1450 Maria Lane, Suite 210</b> <b>Walnut Creek, CA 94596</b>	
3. SOCKET NUMBER(S) <b>030-20360</b>	4. LICENSE NUMBER(S) <b>50-23204-01</b>	5. DATE OF INSPECTION <b>June 19-20, 1985</b>	

Licensee:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission's (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews, with personnel, and observations by the inspector. The findings as a result of this inspection are as follows:

☐ 1. Within the scope of this inspection, no violations were observed.

☐ 2. The inspector also verified the steps you have taken to correct the violations identified during the last inspection. We have no further questions on those actions at this time.

☒ 3. During this inspection certain of your activities, as checked below, were in violation of NRC requirements.  
**THIS IS A NOTICE OF VIOLATION** which is required to be posted in accordance with 10 CFR 19.11.

☐ A. \_\_\_\_\_ was not properly posted to indicate the presence of a \_\_\_\_\_, 10 CFR 20.203(b), (c), (d), (e) or 34.42.

☐ B. Containers located in \_\_\_\_\_ were not properly labeled to indicate the presence of radioactive material. 10 CFR 20.203(f)(1), or (f)(2).

☒ C. Physical inventories \_\_\_\_\_ of sealed sources were not performed at the proper frequencies. 10 CFR \_\_\_\_\_ License Condition Number 15. **In addition, all physical inventory records did not indicate location of sealed sources nor date of inventory.**

☐ D. Records of \_\_\_\_\_ 10 CFR \_\_\_\_\_ or License Condition Number \_\_\_\_\_

☐ E. Documents were not properly posted or otherwise made available. 10 CFR 19.11.

☐ F. Reports or notifications of \_\_\_\_\_ were not made in accordance with 10 CFR \_\_\_\_\_ or License Condition Number \_\_\_\_\_

☒ H. Two moisture density gauges, each containing 50 millicuries of americium-241 and 10 millicuries of cesium-137, were not properly secured to prevent unauthorized removal from the place of storage (Walk-in freezer room #1). 10 CFR 20.207(a)

☐ I. \_\_\_\_\_



☒ J. Sealed sources containing 50 millicuries of americium-241 and 10 millicuries of cesium-137, which are contained in the Troxler gauge, Serial No. 9003, were not leak tested within the previous six months prior to use in 1983, 1984 and 1985. License Condition 13.

☐ K. \_\_\_\_\_

B507290652  
REG 5 LIC 30  
50-23204-01

B50628  
  
PDR

I hereby state that within 30 days the actions described by me to the Inspector will be taken to correct the violations identified in the items checked above. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201. No further response will be submitted unless required by the NRC.

 SIGNATURE - LICENSEE	<b>7/8/85</b> DATE	 SIGNATURE - NRC INSPECTOR	<b>6/28/85</b> DATE
---	-----------------------	---	------------------------

1E0711