

<b>APPENDIX A FIXED AND PORTABLE GAUGE INSPECTION RECORD (IP 87114)</b>									
REGION IV									
Insp. Report #	<b>02/01</b>	License #	<b>11-27657-01</b>			Docket #	<b>03035321</b>		
Licensee Name	<b>All Tech Corporation</b>								
Street Address	<b>2925 Garrett Way</b>								
City, State, Zip	<b>Pocatello, ID 83205</b>								
Location (Authorized Site) Being Inspected	<b>Same</b>								
Licensee Contact Name	<b>Billy Berry, General Manager &amp; RSO</b>				Phone #	<b>208-478-5945</b>			
Priority	<b>5</b>	Program Code	<b>3121</b>		Description	<b>Portable Gauge</b>			
Date of Last Inspection:	<b>10/24/00</b>			Date of This Inspection	<b>02/11/02</b>				
Type of Insp.	Announced		Routine	<b>X</b>	Initial				
	Unannounced	<b>X</b>	Special						
Next Insp. Date	<b>02/07</b>	Normal	<b>X</b>	Reduced		Extended			
Justification for change in normal inspection frequency:	<b>Normal interval in accordance with MC 2800</b>								
<b>Summary of Findings and Actions</b>									
No violations, Clear 591 or letter issued		Non-cited violations							
Violation(s), 591 issued		Violation(s), letter issued		<b>X</b>					
Follow up on previous violations:									
Inspector - Printed Name	<b>Michael L. Fuller, Senior Health Physicist</b>								
- Signature	<b>/RA</b>				Date	<b>03/07/02</b>			
Approved - Printed Name	<b>Mark R. Shaffer, Chief, NMIB</b>								
- Signature	<b>/RA/</b>				Date	<b>03/08/02</b>			

<b>PART I-LICENSE, INSPECTION, INCIDENT/EVENT, AND ENFORCEMENT HISTORY</b>		
<b>1.</b>	<b>AMENDMENTS AND PROGRAM CHANGES</b>	
License amendments issued since last inspection, or program changes noted in the license.		
AMENDMENT #	DATE	SUBJECT
NA		
<b>2.</b>	<b>INSPECTION AND ENFORCEMENT HISTORY</b>	
Unresolved issues; previous and repeat violations; Confirmatory Action Letters; and orders.		
<b>Clear 591 issued on 10/24/00.</b>		
<b>3.</b>	<b>INCIDENT/EVENT HISTORY</b>	
List any incidents or events reported to NRC since the last inspection. Citing "None" indicates that regional event logs, event files, and the licensing file have no evidence of any incidents or events since the last inspection.		
<b>None - NMED search conducted on 2/4/02.</b>		
<b>PART II - INSPECTION DOCUMENTATION</b>		
NOTE: References that correspond to each inspection documentation topic are in Inspection Procedure 87114, Appendix B, "Fixed and Portable Gauge Inspection References."		
<p>The inspection documentation part is to be used by the inspector to assist with the performance of the inspection. Note that not all areas indicated in this part are required to be addressed during <u>each</u> inspection. However, for those areas <u>not covered</u> during the inspection, a notation ("Not Reviewed" or "Not Applicable") should be made in each section, where applicable.</p> <p>All areas covered during the inspection should be documented in sufficient detail to describe what activities and procedures were observed and/or demonstrated. In addition, the types of records that were reviewed and the time periods covered by those records should be noted. If the licensee demonstrated any practices at your request, describe those demonstrations. The observations and demonstrations you describe in this report, along with measurements and some records review, should substantiate your inspection findings. Attach copies of all licensee documents and records needed to support violations.</p>		
<b>1.</b>	<b>ORGANIZATION AND SCOPE OF PROGRAM</b>	
Management organizational structure; authorized locations of use, including field offices and temporary job sites; type, quantity, and frequency of byproduct material use; staff size; delegation of authority.		

This licensee possesses three moisture density gauges used primarily in the Pocatello and Southeastern Idaho areas. In addition, one of the three gauges is used exclusively in the western part of the state (about 3-4 hours away) during the construction season. They have 5 gauge operators trained, but some of the operators only work seasonally, and others have other duties during non-construction season. They store all three gauges at the main office, during the non-construction season. According to the RSO, one of the gauges is stored on-site, in a construction trailer, in the western part of the state when in use there. At the time of the inspection, two additional gauges were in the possession of the licensee that were rented from a gauge service company located in Salt Lake City, Utah.

2.

**MANAGEMENT OVERSIGHT**

Management support to radiation safety; Radiation Safety Officer (RSO); program audits or inspections; as low as is reasonable achievable (ALARA) reviews; control and supervision by authorized users.

The RSO is also the General Manager of the firm and makes independent decisions concerning radiation safety and stated that he is essentially the only manager involved in the day to day operations of the company. He further stated that he is a principal of the firm. Annual reviews of the radiation protection program had not been performed since the license was issued in March, 2000. This was identified as a violation of 10 CFR 20.1101(c). See section 15.

3.

**FACILITIES**

Facilities as described; uses; control of access; engineering controls; calibration facilities; shielding.

**There were no changes made to the facility design since the previous inspection.**

4.

**EQUIPMENT AND INSTRUMENTATION**

Operable and calibrated survey instruments; procedures; 10 CFR Part 21 procedures.

The licensee maintains one survey instrument, a Monitor 414EC, S/N: 33176. According to the RSO, the instrument was in the possession of a vendor, being calibrated at the time of the inspection.

5.

**MATERIAL USE, CONTROL, AND TRANSFER**

Materials and uses authorized; security and control of licensed materials; and procedures for receipt and transfer of licensed material.

Materials used are as authorized by the license. Two gauges were stored within the storage area and secured within the appropriate DOT locked transport container. The RSO maintains a utilization log for the gauges. According to the RSO, the gauges are secured in the rear of a pickup truck or SUV, when transported. Documentation of transfers and receipts of the gauges was reviewed during the inspection, with no discrepancies identified.

6.	<b>AREA RADIATION SURVEYS AND CONTAMINATION CONTROL</b>
Radiological surveys; leak tests; inventories; handling of radioactive materials; records; contamination control; public doses.	
<b>The RSO performed surveys of the storage area to ensure compliance with dose limits to members of the general public. Leak tests of the sources were performed at the required intervals by the RSO. Inventories are conducted at the time of leak testing. In addition, the utilization logs maintained by the licensee also serve to document the inventory.</b>	
7.	<b>TRAINING AND INSTRUCTIONS TO WORKERS</b>
Training and retraining requirements and documentation; interviews and observations of routine work; staff knowledge of all routine activities; 10 CFR Parts 19 and 20 requirements; emergency response.	
<b>All gauge users have been trained by an approved training vendor and certificates are maintained in file for review. Annual refresher training for each gauge user was performed by the RSO. In addition, the RSO held weekly safety meetings with the gauge users during the construction season. HAZMAT training was included in the initial training. Arrangements for recurrent HAZMAT training by members of the State Police had been initiated by the RSO at the time of the inspection.</b>	
8.	<b>RADIATION PROTECTION</b>
Radiation protection program with ALARA provisions; access control; dosimetry; exposure evaluations; dose and survey records and reports; annual notifications to workers; bulletins and other generic communications.	
<b>Personnel monitoring in the form of TLDs, provided by ICN (a NVLAP accredited vendor) were provided to individuals who operate the gauges. However, at the time of the inspection, the inspector observed that badges assigned to the operators for the third and fourth quarters of 2001 were in the possession of the licensee, and had not been forwarded to ICN for processing. This was identified as a violation of 10 CFR 20.1501 and License Condition 22 (tie down). See Section 15.</b>	
9.	<b>RADIOACTIVE WASTE MANAGEMENT</b>
Disposal or transfer of sources; packaging, control, and tracking procedures; records.	
<b>Special form sources. None leaking or contaminated. No radioactive waste generated.</b>	
10.	<b>DECOMMISSIONING</b>
Records relevant to decommissioning; decommissioning plan/schedule; notification requirements; cost estimates; funding methods; financial assurance; and Timeliness Rule requirements; changes in radiological conditions since decommissioning plan was submitted.	

<b>The licensee maintains all records of leak tests and inventories for future decommissioning purposes.</b>	
<b>11.</b>	<b>RADIATION TRANSPORTATION</b>
Quantities and types of licensed material shipped; packaging design requirements; shipping papers; hazardous materials HAZMAT communication procedures; return of sources; procedures for monitoring radiation and contamination levels of packages; HAZMAT training; and records and reports.	
<b>The inspector determined that the licensee had developed appropriate shipping papers, and used them appropriately, including the proper location while the gauges are in transport. As stated in section 7, HAZMAT training was included in the initial training, and arrangements for recurrent HAZMAT training by members of the State Police had been initiated by the RSO at the time of the inspection.</b>	
<b>12.</b>	<b>NOTIFICATIONS AND REPORTS</b>
Reporting and followup of theft; loss; incidents; overexposures; safety-related equipment failures; change in RSO, authorized user; and radiation exposure reports to individuals.	
None	
<b>13.</b>	<b>POSTING AND LABELING</b>
Notices; license documents; regulations; bulletins and generic information; area postings; and labeling of containers of licensed material.	
<b>The inspector observed that those areas within the licensee's facilities where radioactive materials were stored were adequately posted with appropriate radiation signs to warn individuals of the radiation hazards associated with those areas. NRC Form 3 and other appropriate notices were posted in accordance with requirements.</b>	
<b>14.</b>	<b>INDEPENDENT AND CONFIRMATORY MEASUREMENTS</b>
Areas, both restricted and unrestricted, surveyed, and comparison of data with licensee's results and regulations; and instrument type and calibration date.	
<b>The inspector conducted surveys of the licensee's gauge storage area and adjacent areas. The instrument used was a Victoreen Model 190, serial number 2081, calibrated on 12/7/01.</b>	
<b>Results:</b> <b>-Background = 5<math>\mu</math>R/hr</b> <b>-Maximum exposure rates on outside of building, adjacent to storage location = 200 <math>\mu</math>R/hr</b> <b>-Maximum exposure rates inside building, adjacent to storage location = 500 <math>\mu</math>R/hr</b> <b>-Exposure rate, inside building, in shop area, occupied by mechanic (who is also a trained gauge technician) = 50<math>\mu</math>R/hr</b> <b>-Exposure rate in closest office area = background exposure rate (5<math>\mu</math>R/hr)</b>	

<b>15.</b>	<b>VIOLATIONS, NCVs, AND OTHER SAFETY ISSUES</b>
State requirement and how and when licensee violated the requirement. For NCVs, indicate why the violation was not cited. Attach copies of all licensee documents needed to support violations.	
<p><b>1. Violation - 10 CFR 20.1101 (c). No annual audits of radiation protection program for 2000 or 2001 (none since license issued in March 2000).</b></p> <p><b>2. Violation - 10 CFR 20.1501 and License Condition 22 (tie down). Personnel dosimetry badges were not exchanged and evaluated quarterly, as required, for 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2001.</b></p>	

<b>16.</b>	<b>PERSONNEL CONTACTED</b>		
Identify licensee personnel contacted during the inspection (including those individuals contacted by telephone). Use # to indicate individual present at entrance meeting. Use * to indicate individual present at exit meeting.			
Name	Title	Phone No.	In Person or By phone
<b>Billy Berry</b>	<b>General Manager and RSO</b>	<b>208-478-5945</b>	<b>In Person</b>
<b>Will Morgan</b>	<b>Technician and Mechanic</b>	<b>208-478-5945</b>	<b>In Person</b>
<b>Kim Pence</b>	<b>Secretary</b>	<b>208-478-5945</b>	<b>In Person</b>

<b>17.</b>	<b>PERFORMANCE EVALUATION FACTORS (PEFs)</b>					
	A.	Lack of senior management involvement with the radiation safety program and/or RSO oversight	Y		N	X
	B.	RSO too busy with other assignments	Y		N	X
	C.	Insufficient staffing	Y		N	X
	D.	Radiation Safety Committee fails to meet or functions inadequately	N/A	X	Y	N
	E.	Inadequate consulting services or inadequate audits conducted	N/A		Y	N X

**REMARKS:** (Consider the above assessment and/or other pertinent PEFs with regard to the licensee's oversight of the radiation safety program.)

**As noted in Section 15, annual audits were not conducted for the years 2000, and 2001.**

<b>18.</b>	<b>SPECIAL CONDITIONS OR ISSUES</b>
Special license conditions	
<b>None</b>	
<b>PART III - POST- INSPECTION ACTIVITIES</b>	
<b>1.</b>	<b>REGIONAL FOLLOWUP ON PEFs</b>
<b>None (NA)</b>	
<b>2.</b>	<b>DEBRIEF WITH REGIONAL STAFF</b>
Post-inspection communication with supervisor, regional licensing staff, Agreement State Officer; and/or State Liaison Officer.	
<b>Debriefed regional management on 2/19/02.</b>	

**TO ADVANCE TO NEXT SECTION - PRESS PAGE DOWN KEY**

APPENDIX A - ATTACHMENT A DECOMMISSIONING TIMELINESS INSPECTION							
Licensee:	All Tech Corp			Date of Inspection:	2/11/02		
1.	COMPLIANCE WITH DECOMMISSIONING TIMELINESS RULE						
NOTE: Repeat the answers given in Section 12 of the main body of the inspection record. The issues in subsequent sections are dependent on the answers to these questions.							
A.	License to conduct a <i>principal activity</i> <u>has</u> expired or been revoked:			Y		N	X
B.	Licensee <u>has</u> made a decision to permanently cease <i>principal activities</i> , at the entire site, or at any separate buildings, or at any outdoor areas, including inactive burial grounds.			Y		N	X
C.	A 24-month duration has passed in which no <i>principal activities</i> have been conducted under the license at the site, or at any separate buildings, or any outdoor areas, including inactive burial grounds.			Y		N	X
D.	If "Yes" to either A or B or C above:						
	(1)	Identify Site/Bldg./Area:					
	(2)	Date of occurrence of A, B, or C:					
2.	NOTIFICATION REQUIREMENTS						
A.	Licensee has provided written notification to the U.S. Nuclear Regulatory Commission (NRC) within 60 days of the occurrence of 1.A., 1.B., or 1.C., above.			Y		N	
	If "Yes," date of notification:						
B.	If the licensee is requesting to delay initiation of the decommissioning process, the licensee <u>has</u> provided written notification to NRC within 30 days of occurrence of 1.A., 1.B., or 1.C. above.			N/A	Y	N	
	If "Yes," date of notification:						
Basis for Findings:							
3.	DECOMMISSIONING PLAN/SCHEDULE REQUIREMENTS						
A.	Licensee is required to submit a decommissioning plan per 10 CFR 30.36(g); 10 CFR 40.42(g); 10 CFR 70.38(g); or 10 CFR Part 72?			Y		N	

	If "No" to 3.A., answer the following items B. - F.					
B.	The decommissioning work scope is covered by current license conditions.	Y		N		
C.	Decommissioning has been initiated within 60 days of notification to NRC, or NRC has granted a delay.	Y		N		
D.	If licensee has initiated decommissioning, give date the decommissioning was initiated:					
E.	If decommissioning has been completed, it was completed within 24 months of notification to NRC.	N/A		Y		N
F.	If decommissioning is still scheduled to be completed, it is on schedule to be completed within 24 months of notification to NRC.	N/A		Y		N
Basis for Findings:						
	If "Yes" to 3.A., answer the following items G. - J.					
G.	The decommissioning plan has been submitted to NRC within 12 months of notification.	Y		N		
	If "Yes," date of submittal:					
	If NRC approved, date of NRC approval:					
H.	Has the licensee submitted an alternative schedule request?	Y		N		
	If "Yes," date of submittal:					
I.	If decommissioning has been completed, it was completed within 24 months after approval of the decommissioning plan.	N/A		Y		N
J.	If decommissioning is still scheduled to be completed, it is on schedule to be completed within 24 months after approval of the decommissioning plan.	N/A		Y		N
Basis for Findings:						
Violations identified, if any:						

**END**