

MATERIALS LICENSE

Amendment No. 05

Pursuant to the Atomic Energy Act of 1954, as amended; the Energy Reorganization Act of 1974 (Public Law 93-434), 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 purposes 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 182 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.

<p>Licensee</p> <p>1. 21st Century Technologies, Inc.</p> <p>2. 337 Eubank NE Albuquerque, New Mexico 87123</p>	<p>In accordance with letter dated June 1, 1993, 3. License Number 30-23697-01E is renewed in its entirety to read as follows:</p> <p>4. Expiration Date May 31, 2001</p> <p>5. Docket or Reference No. 030-30266</p>
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<p>6. Byproduct, Source, and/or Special Nuclear Material</p> <p>A. Hydrogen-3</p>	<p>7. Chemical and/or Physical Form</p> <p>A. Sealed Light Sources (SRB Technologies, Inc. Model PRH-800/G/200, and Lumitec Models CL/1.5/4,85 and CL/0.95/3,3)</p>	<p>8. Maximum Amount that Licensee May Possess at Any One Time Under This License</p> <p>A. Not applicable. (See Condition 10)</p>
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9. Authorized Use

Pursuant to Section 32.22, 10 CFR Part 32, the licensee is authorized to distribute only those luminous gunsights containing sealed light sources identified in Condition 7.A. above, whether or not mounted on a weapon, identified in Condition 10 of this license to persons exempt from the requirements for a license pursuant to Section 30.19, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

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PDR FOIA  
TOURTEL96-246 PDR

CONDITIONS

10. The approved gunsights are limited to the following model designs and attachments as listed in Registration Certificate No. NR-365-D-101-E:

The Model CGF003 is a front "dot" sight designed for Colt pistols (see Attachments 3 and 14).

The Model CGR030 is a rear 2 "dot" or "bar" sight designed for Colt pistols (see Attachments 4, 12, and 13).

The Model GKF001 is a front "dot" sight designed for Glock pistols (see Attachments 5 and 14).

The Model GKR010 is a rear 2 "dot" or "bar" sight designed for Glock pistols (see Attachments 6, 12, and 13).

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

	PAGE	OF	PAGES
License number:			
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CONDITIONS

(Continued)

The Model SSF002 is a front "dot" sight designed for Sig-Sauer pistols (see Attachments 7 and 14).

The Model SSR020 is a rear 2 "dot" or "bar" sight designed for Sig-Sauer pistols (see Attachments 8, 12, and 13).

The Model SWF004 is a front "dot" sight designed for Smith and Wesson pistols (see Attachments 9 and 29).

The Model SWR040 is a rear 2 "dot" sight designed for Smith and Wesson pistols (see Attachments 10 and 29).

The Model SWR041 is a rear "bar" sight designed for Smith and Wesson pistols (see Attachments 11 and 28).

The Series 100 is a single "dot" front sight (see Attachment 17).

The Series 200 is a 2 "dot" rear sight (see Attachment 18).

The Series 300 is a single "bar" rear sight (see Attachment 19).

The Series 400 is a recessed, single "bar" rear sight (see Attachment 20).

The Series 500 is a 2 "bar" rear sight (see Attachment 21).

The Series 600 is a recessed, 2 "bar" rear sight (see Attachment 22).

The Series 700 is a 3 "bar" rear sight (see Attachment 23).

The Series 800 is a 3 "bar" rear sight (see Attachment 24).

The Series 900 is a 2 "dot," single "bar" rear sight (see Attachment 25).

Series 200 - 900 rear sights have a notch cut out for lining up the front sight in either of the two configurations shown in Attachment 26.

- 11.a. No "dot" or "bar" tritium light source listed in Condition 7.A. may contain more than 30 millicuries.
- 11.b. No combination of "dot" or "bar" tritium light source listed in Condition 7.A. or any set of sights distributed for use on a single weapon may contain more than 90 millicuries.
12. This license does not authorize possession or use of licensed material.

13. Licensed material shall be distributed only from the licensee's facility located at  
337 Eubank NE, Albuquerque, NM.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

30-23697-01E

Docket or Reference Number

03C-30266

Amendment No. 05

## CONDITIONS

(Continued)

14. The licensee shall file periodic reports as specified in 10 CFR 32.25(c).
15. The licensee shall, in writing, inform the Director, Office of Nuclear Material Safety and Safeguards, at least 15 days before Mr. Barry Mowry becomes involved in any activity authorized pursuant to this license.
16. Except as specifically provided otherwise by 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 U.S. 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. Letter dated March 1, 1996;
  - B. Letter dated March 4, 1996;
  - C. Facsimile received February 29, 1996;
  - D. Facsimile received April 29, 1996; and
  - E. Registration Certificate No. NR-365-D-101-E

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE:

May 15, 1996

BY:

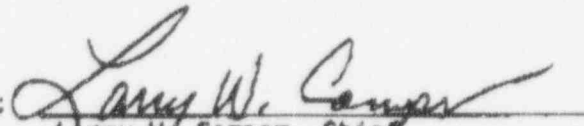
  
Larry W. Camper, Chief  
Medical, Academic, and Commercial  
Use Safety Branch  
Division of Industrial and  
Medical Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards  
Washington, DC 20555

EXHIBIT 4

A11

EXHIBIT 4

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SEP



**P.T. NIGHT SIGHT**

Mowry Custom Handguns  
Specialty Shotgun Systems

United States  
Nuclear Regulatory Commission  
Washington, DC 20555

JUNE 1, 1993

Attn: Susan L. Greene  
Commercial Section  
Medical, Academic, and Commercial  
Use Safety Branch  
Division of Industrial and  
Medical Nuclear Safety, NMSS

RE: License Renewal

License No: 30-23697-01E

Docket or Reference No: 030-30266

Dear Ms. Greene,

This is a letter of application for renewal of License No 30-23697-01E, expiration date June 30, 1993. As per our conversation during your visit to our facilities earlier this year, I am also enclosing a letter of request for changes to our license and the wording there of within.

Also enclosed is the renewal Fee \$1,200.00 as specified in fee category 3H, section 170.31 of 10 CFR part 170. It

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EXHIBIT 4  
PAGE 1 OF 7 PAGE(S)

was my understanding from our conversation that during renewal, changes can be made without an additional amendment fee.

After reviewing the enclosed documents and you have any questions, please call me at (505) 296-4645 anytime.

Thank you for all your help and time in expiditing this matter.

Sincerely,

  
Barry Mowry, President

Attn: Susan L. Greene

Re: Changes during renewal  
of license No: 30-23697-OIE

**Change Request No. 1**

Under Section 7, Chemical and or physical Form.

Should now read:

A Sealed Light Sources

(Saunders -Roe/SRB Tech.

Models 251030 and 252050)

**Note:** Saunders- Roe Development Ltd. is the parent company of SRB Technology. They have assigned new numbers to the same products that we are currently using.

**Change Request No 2**

Under Section 10-B Conditions.

Please add:

7. Model HRS 001 Rear 2 dot sight sold separately  
or attached to weapons.

8. Model HRS 002 Rear bar sight sold separately or



attached to weapons.

9. Model HFS100 Front dot sight sold separately or attached to weapons.

**Note:** These are Numbers of drawings already registered during our last amendment. They are listed in the Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device- No: NR-365-D-101-E. The last paragraph on page 3 references them. If these are listed under section 10-B I feel this will categorize any and all sights manufactured by IWI or any other manufacture whose sights can meet the basic requirement in the drawings to become a sealed source, As per our conversation during your visit. Categorizing the sights per requirement rather than listing specific models and weapons would be more appropriate, and would cease all of the confusion concerning what specific models that I can or cannot distribute. After your visit, I think we both agree that the importance of our product licensing is how they are constructed and the safety there of and not what weapon they are for.



I would very much appreciate your response to this matter so that we can have the proper wording in

this section of our license and eliminate any more controversy concerning what is and is not covered by our license.

Change Request No.3

Under Labeling: Manufacturer logo

This is a request to add the following manufacturer's logos to this section of our license.

Company	Logo
MILLETT INDUSTRIES HUNTINGTON BEACH, CA	
WILSON GUN SHOP BERRYVILLE , AR	Wilson's
SCATTERGUN TECHNOLOGIES NASHVILLE, TN	SGT
KING'S GUN WORKS GLENDALE, CA	KING'S
AIMPOINT HERNDON, VA	AIMPOINT
ARO TEK PACIFIC, WA	



**P.T. NIGHT SIGHT**

Mowry Custom Handguns  
Specialty Shotgun Systems

U.S. Nuclear Regulatory Commission

July 7, 1993

Director of Nuclear Material

Safety and Safeguards

License No 30-23697-01E

Washington D.C. 20555-0001

Docket No. 030-30266

Control No. 021537

Subject: Section 32.25 (c), 10 CFR Part 32

Product Transfer Report

This is the Product Transfer Report for Innovative Weaponry, Inc, License No 30-23697-01E. This report is in accordance with 10CFR part 32, section 32.25 (c). It is for the time period of the License inception in 1988 to June 1993.

Description of Product: Hydrogen 3

Each radionuclide contains between 9 to 27 millicuries. One(1), Two(2), or Three(3) radionuclides are used in each unit of distribution. Our license limit requires a maximum of 90 millicuries per unit.

The following is a report of distribution. the breakdown shows the amount of radionuclides per unit and the number of units transferred in each category.

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UNIT A:

QUANTITY-462

ONE (1) 9 millicuries

UNIT B:

QUANTITY-694

ONE (1) 27 millicuries

UNIT C:

QUANTITY-627

TWO (2) 9 millicuries

UNIT D:

QUANTITY-2,734

THREE (3) 9 millicurie

UNIT E:

QUANTITY-10,657

ONE (1) 9 millicuries

ONE (1) 27 millicuries

UNIT F:

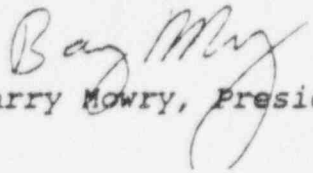
QUANTITY-11,281

TWO (2) 23 millicuries

ONE (1) 27 millicuries

I declare this report to be accurate and correct to the best of my knowledge, information, and belief.

July 9, 1993

  
Barry Mowry, President

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EXHIBIT 5

3/2

EXHIBIT 5

9609050343 3PP



**P.T. NIGHT SIGHT**

**Mowry Custom Handguns  
Specialty Shotgun Systems**

November 28, 1994

Susan L. Greene  
United States  
Nuclear Regulatory Commission  
Washington, DC 20555-0001

RE: License #30-23697-01E  
Reference #030-30266  
Innovative Weaponry, Inc.

Dear Ms. Greene:

As per our conversation on Wednesday of last week, the following is a list of changes that we would like to make to our license. Please review these changes and call me.

1. Section 10 change:

Each luminous gunsight shall not contain more than 30 millicuries per source. Individual weapons shall not contain more than 120 millicuries total.

This will enable us to do triple bars or box dots on weapons.

2. Section 10 change:

Licensed material shall be distributed only from the licensee's facility located at 337 Eubank, NE, Albuquerque, New Mexico or mobile facilities owned and operated under the auspices of IWI. Also,

3. Section 10 change:

Change the license to an all encompassing license, regardless of exterior shape or design provided certain minimum tolerances are maintained. Example: if

EXHIBIT 5

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Susan L. Greene  
November 28, 1994  
Page Two

the minimum of .010 steel thickness is maintained on all sides of tritium source then this should meet the restrictions of the license.

Would like to include other manufacturers sights provided minimum tolerances are maintained.

Because of the vast assortment of sights obtainable coupled with the numerous makes and models of weapons available on today's market, categorizing a specific sight for a specific weapon would be a huge undertaking since safety and construction are of a paramount concern; a more realistic and feasible approach would be to categorize by specification and dimension. All sights shall be constructed of an alloy of no less than 60,000 pounds per square inch tensile strength and a shear factor of .75. All sealed sources shall be protected by a wall thickness of at least .010. This will insure the sealed source has sufficient alloy material for proper protection.

Please review these changes and get back to me.

Sincerely,

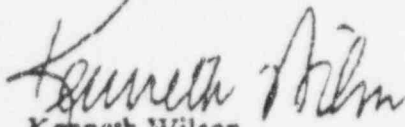
  
Kenneth Wilson

EXHIBIT 7

13

EXHIBIT 7

960405039 17PP





P.T. NIGHT SIGHT

February 20, 1995

Margaret V. Federline, Chief  
Medical, Academic, and Commercial  
Use Safety Branch  
United States Nuclear Regulatory  
Commission  
Washington, DC 20555-0001

RE: Application to transfer license No. 30-23697-01E

Dear Ms. Federline:

The following is a response to your letter dated January 23, 1995:

Section A

1. We are just merging the surviving corporation, IWI of New Mexico, with IWI of Nevada which is just a public shell corporation and the surviving corporation will be called IWI of Nevada located at 337 Eubank NE, Albuquerque, NM 87123.

First National Holding Corporation is now IWI of Nevada. The end result will be IWI, the licenseholder.

2. At this time IWI is only distributing from this location. There will be no activities in Nevada. There is only one IWI in Albuquerque, New Mexico.

3. No. Mr. Mowry is in the process of selling his interest. Since the modification of the Plan there have been many changes. Barry Mowry has decided to sell his total interest in the company and this is being consummated as this letter is being written.

4. As of the Modified Plan, Mr. Mowry is no longer involved with IWI. We are at this time working on buying Mr. Mowry out, lock, stock and barrel. Mr.

337 Eubank NE • Albuquerque, N.M. 87123

(505) 296-4645 • FAX (505) 271-2633

EXHIBIT 021727

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9609050239

Ms. Federline, Chief  
February 20, 1995  
Page Two

Mowry had a stepson who worked here, but as of last Friday, he is no longer an employee.

5. There is no relationship between Barry Mowry and IWI. The U.S. Trustee, the Debtor in Possession voted to confirm the Plan on January 30th, 1995, the Plan has been confirmed, a copy of the Order is attached. The current officers are as follows: President - David Gregor, Executive Vice President and Secretary - Patricia Wilson, Executive Vice President of Research and Development-Richard Bates and Vice President of Production-Charles Myers.

6. Ms. Wilson was an officer of both corporations and was duly authorized to submit the application.

7. IWI of Nevada is fully aware of the commitment to the responsibilities of the Company and accepts this responsibility.

8. A copy of the updated New Mexico license is attached.

#### Section B

1. Tritium configuration to be listed as different series ie: single front dot-Series 100, 2-dot rear Series 200, bar rear-Series 300, double rear bar-Series 400, box bar rear-Series 500, 2-dot bar rear-Series 600, etc. Such Series to be installed into any Model sight regardless of exterior shape with various means of attachment (screw, dovetail, pin or threaded post).

2. Other manufacturers are OK provided minimum tolerances are maintained and are marked with the necessary logos and tritium labeling.

3. See attached.

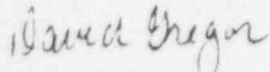
4. We have requested authorization to install tritium sights at a mobile facility. This request is for the sole purpose of easing logistical problems with customers such as large police departments. Since police officers cannot be without their weapons for an extended period of time, we have offered to install our sights at their facility. This would allow us to install our product on their weapon with virtually no down time for the officer or department. With that in mind, it is impossible for us to describe the mobile facility that the installation would occur.

Ms. Federline, Chief  
February 20, 1995  
Page Three

The mobile facility would be installing night sights into permanently mounted gunsights. IWI would install the sights using the same installation procedures, stamping techniques and quality control program utilized in house. All tritium is shipped to 337 Eubank NE, Albuquerque, NM 87123 from our supplier. IWI personnel would then deliver the shipment and perform the installation at the mobile facility.

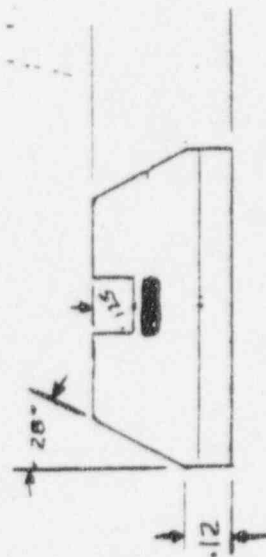
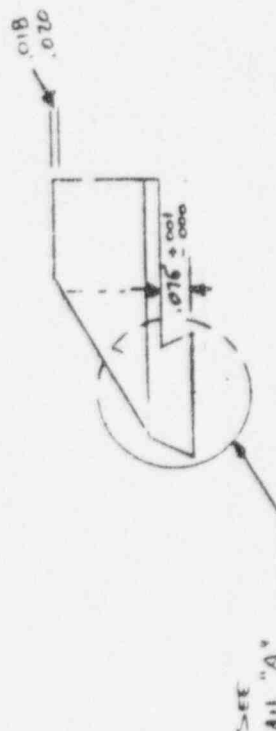
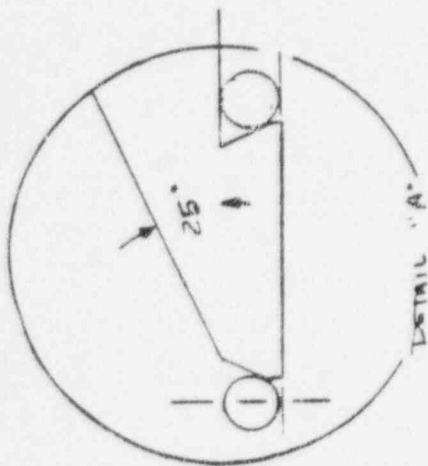
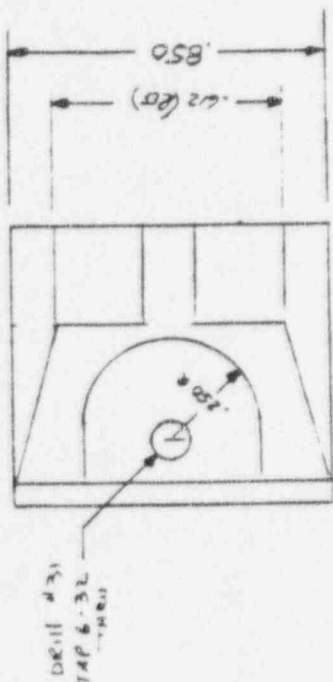
If you have any further questions, please contact us.

Very truly yours,



David Gregor  
President

ALL SURFACES TO BE 32 RMS OR BETTER



INNOVATIVE WEAPONRY INC			
357 EUBANK NE ALBUQUERQUE NM 87123			
TOLERANCE	MATERIAL	DRAWING NUMBER	
XX .001			
YK .009			

SCALE

~~ONE~~ SINGLE BAR

1 All Surfaces To Be 32 RMS or better

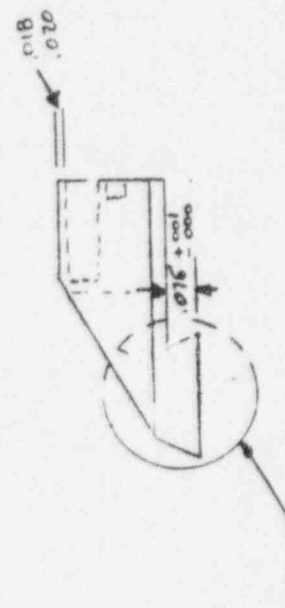
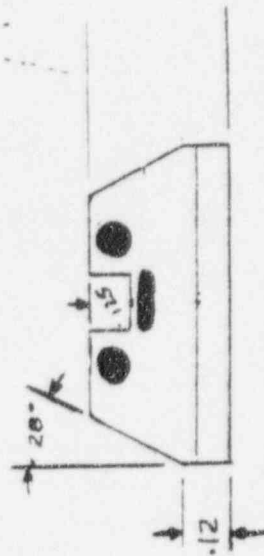
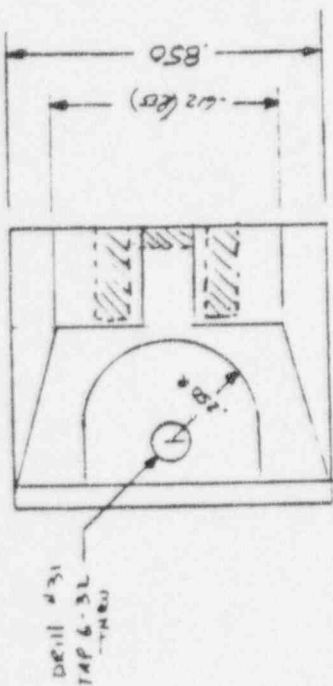
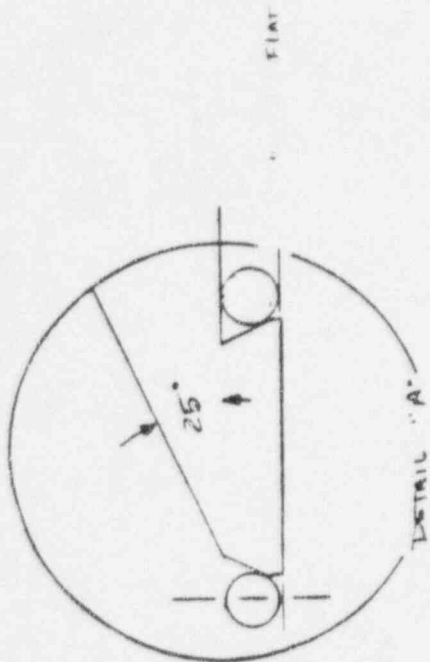


EXHIBIT 7  
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INNOVATIVE WEAPONRY INC

337 EUBANK NE ALBUQUERQUE NM 87123

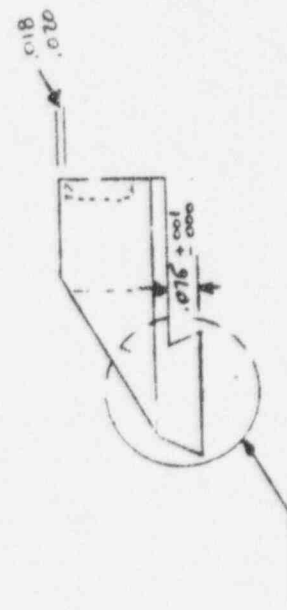
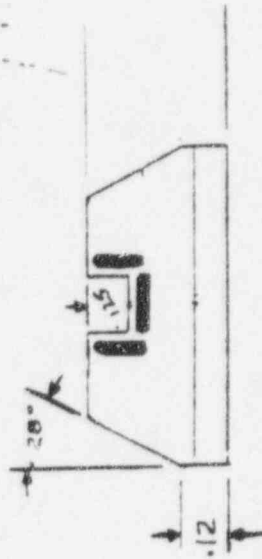
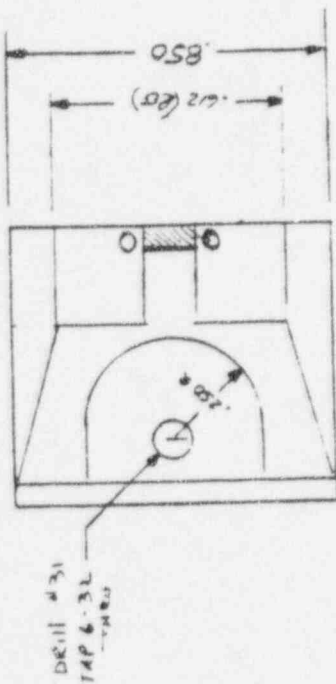
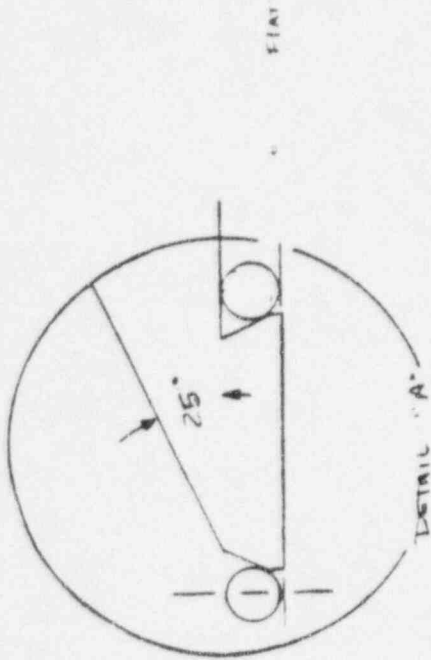
TOLERANCE XXX .001 DRAWING NUMBER

MATERIAL DOUBLE DOT BAR

XXX .005

7-1

1 All Surfaces To Be 32 RMS or better



INNOVATIVE WEAPONRY INC

337 EUBANK NE ALBUQUERQUE NM 87113

TOLERANCE XXX .001 MATERIAL DRAWING NUMBER

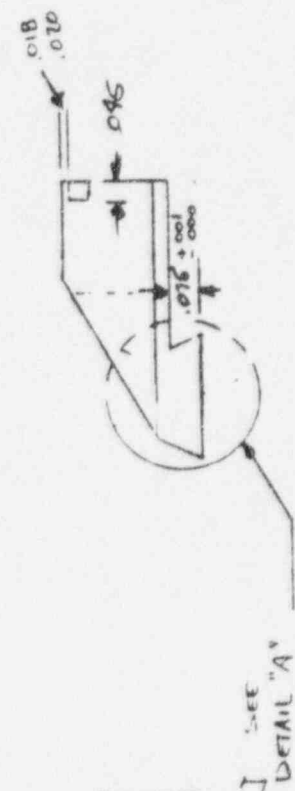
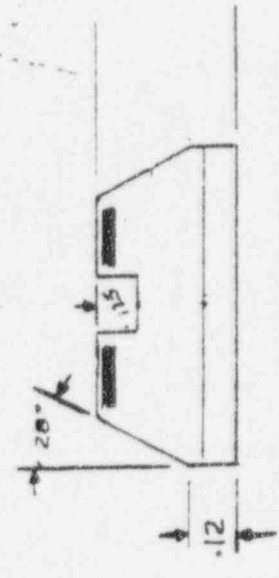
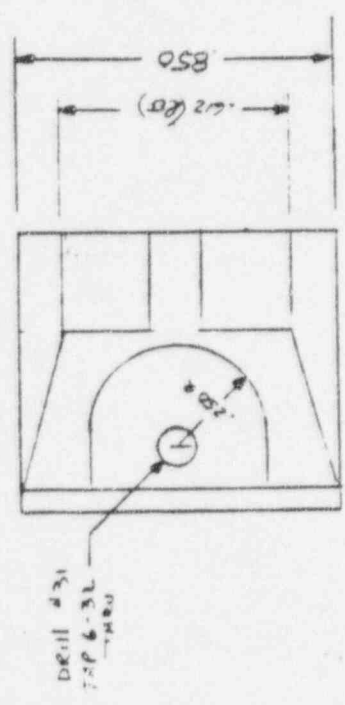
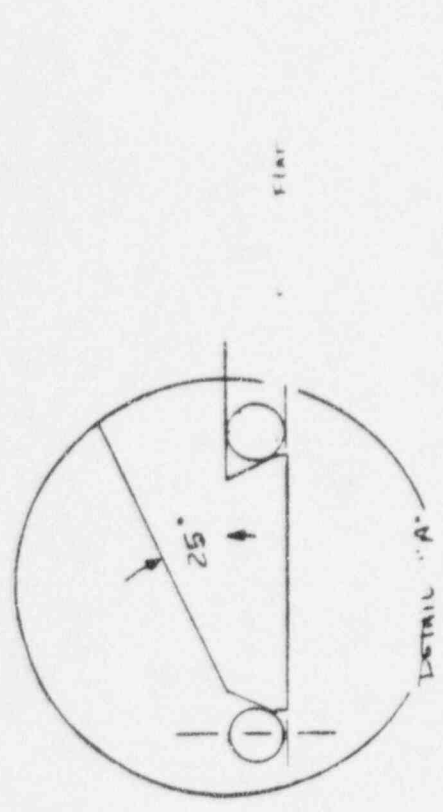
SCALE 1:1

Box

SEE  
DETAIL "A"

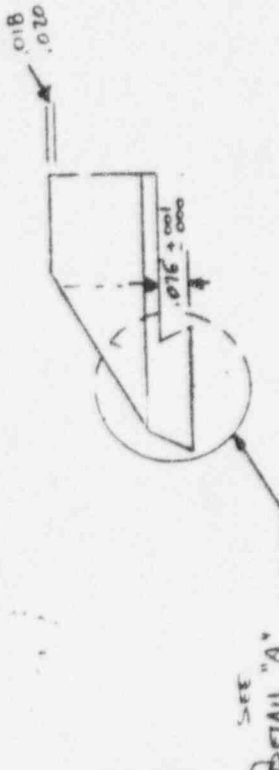
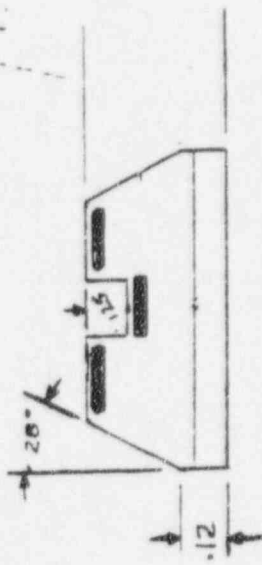
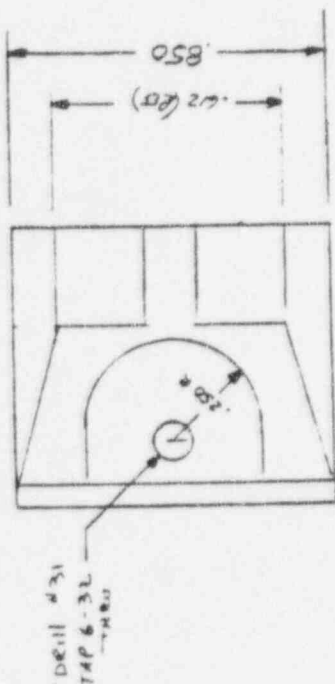
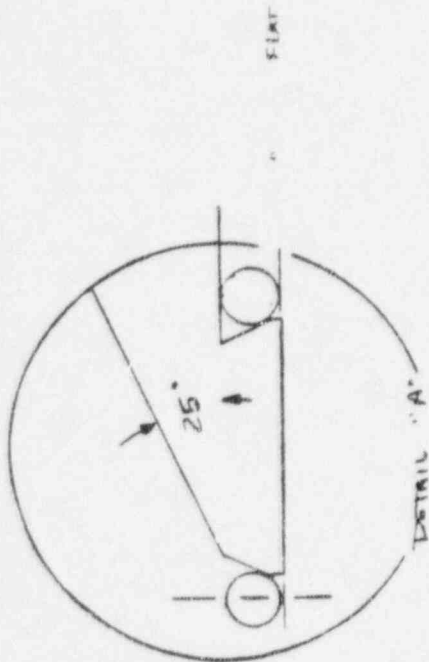
CASE NO. 4 - 95 - 022

ALL SURFACES TO BE .32 RMS OR BETTER



INNOVATIVE WEAPONRY INC			
337 EUBANK NE ALBUQUERQUE NM 87123			
TOLERANCE	MATERIAL	DRAWING NUMBER	DOUBLE B412
XXX .001			

1 All SURFACES TO BE 32 RMS OR BETTER



INNOVATIVE WEAPONRY INC

337 EUBANK NE ALBUQUERQUE NM 87123

TOLERANCE XXX .001 MATERIAL DRAWING NUMBER

SCALE V4 009 TRIPLE BAR



QUALITY ASSURANCE AND CONTROL  
(QA/QC) DEPARTMENT MANUAL

P-T NIGHT SIGHT  
Innovative Weaponry, Inc.  
October 1991

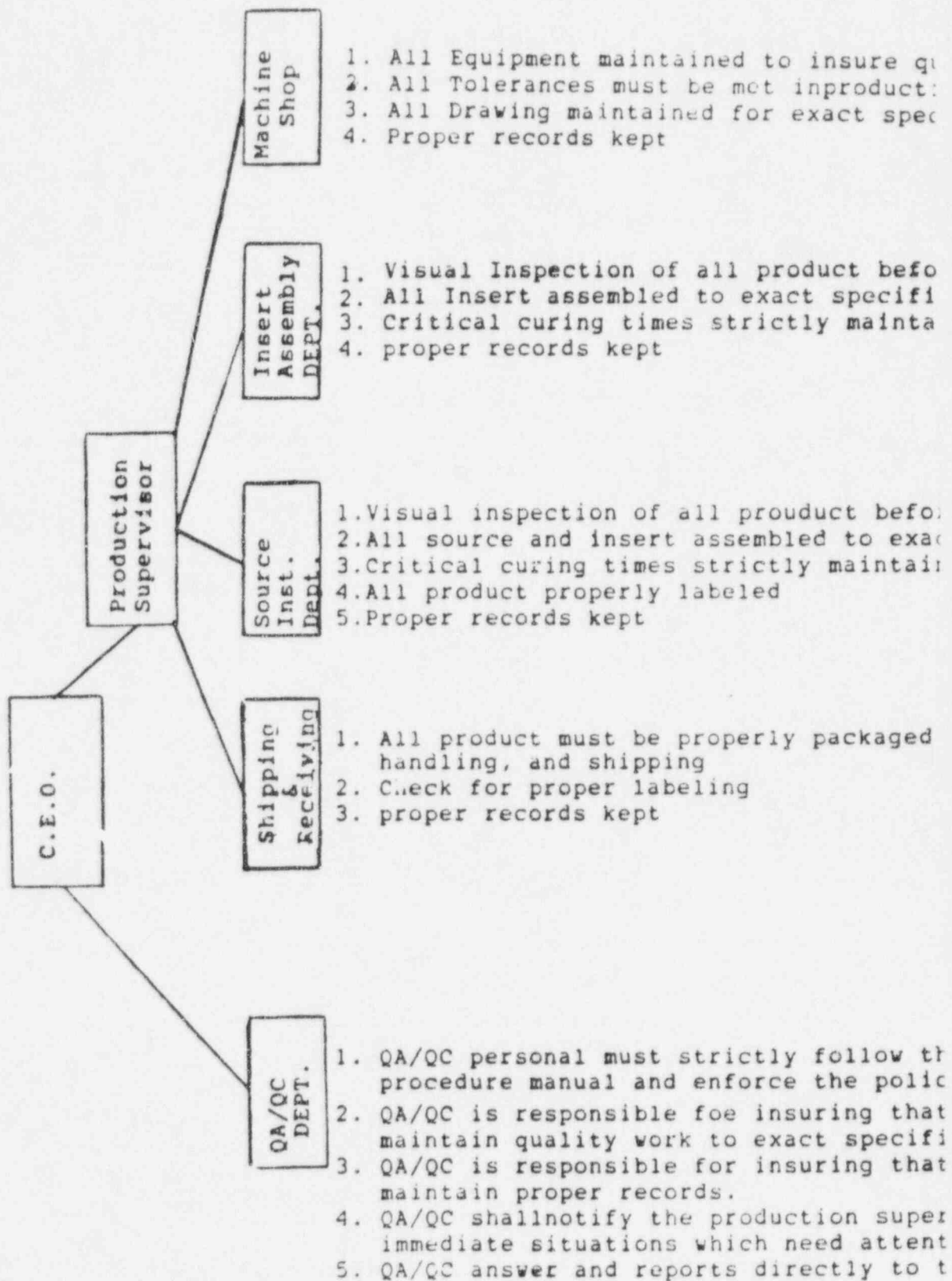
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(Section B) EXHIBIT 7  
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# 3

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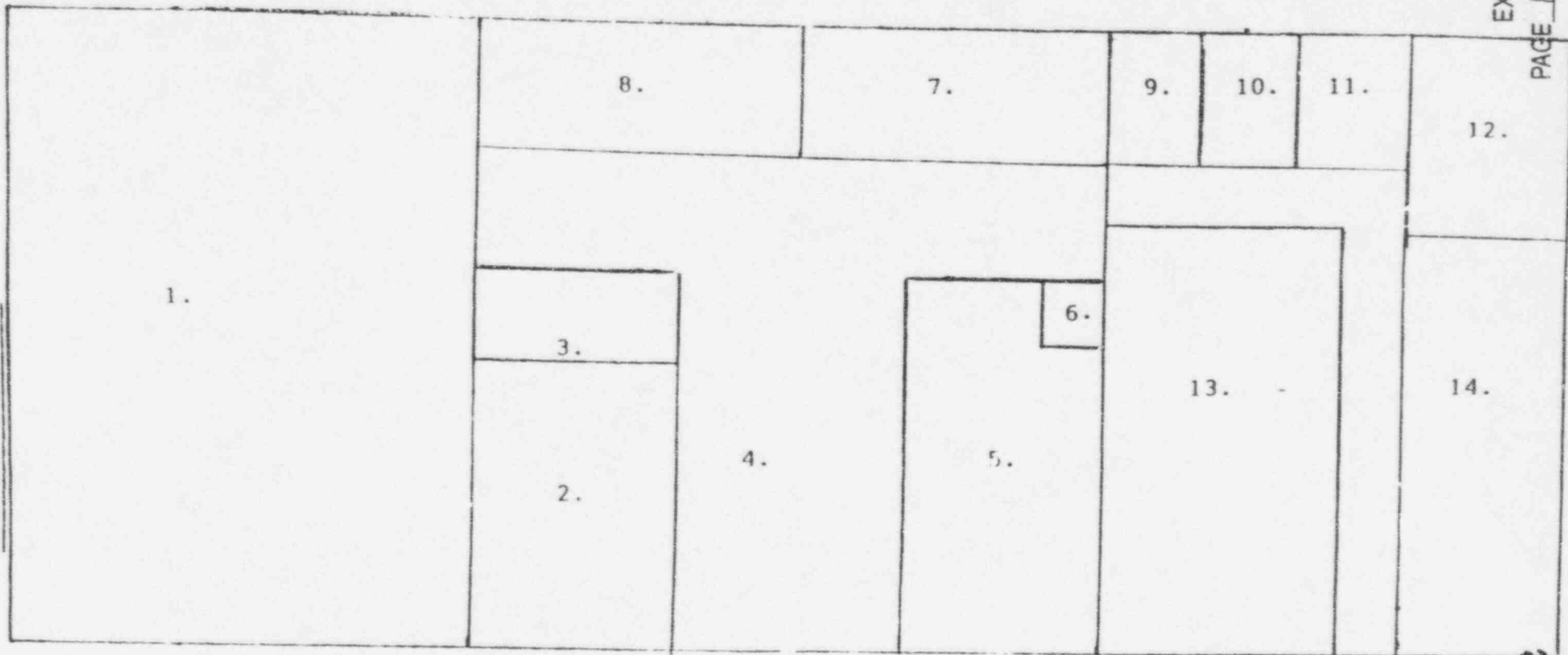
1. ORGANIZATION
2. FACILITY LAYOUT
3. PERSONNEL REQUIREMENTS
4. PROCEDURES

1.

ORGANIZATION

111

2. FACILITY LAYOUT



1. Office Complex
2. Shipping and Receiving
3. Shop Office
4. Machine Shop
5. Production Room
6. Radioactive Area
7. Inspection Area

8. Employee Room
9. Restroom
10. Restroom
11. Vaulted Storage Area
12. R. and D. Area
13. Shop
14. Shop

### 3. PERSONNEL REQUIREMENTS

- A. Personnel shall have in their records all drawing, specifications, and descriptions of all products and installation procedures.
- B. Personnel must be properly trained to carry out all inspections.
- C. Proper records must be maintained on all inspections.

#### 4. PROCEDURES

- (1). Inspectors shall have all drawings, descriptions, and specifications along with all proper equipment to perform their duties.
- (2). Inspectors shall have written procedures for all processes in manufacturing the product.
- (3). Inspect all sealed sources when received from the manufacturer.
  - A. Verify the certification from the scintillation test from the manufacturer.
  - B. Check for activity brightness (visual inspection). If any sources do not pass the visual inspection, they are to be separated and set aside for periodic inspection for any change. If any source does not pass inspection, it shall be returned to the manufacturer.

c. Check source for fractures and check seals.  
(Microscopic Visual Inspection)

D. After Inspection, label with date, quantity,  
and QA/QC approval. Place in controlled  
area.

(4) All machine work, whether done in our shop or by a  
sublet vendor, shall be inspected for tolerances.  
The cavities for the source installation shall  
meet all tolerance specifications and surface  
quality.

(5) All sealed source inserts shall be inspected for  
proper sealant and lensing materials as per  
required specifications. the inserts shall also  
be inspected for proper dimensions as per  
requirement of drawing document.

(6) Inspection of sealed source installations shall be  
checked for adhesion tolerances and  
specifications,  
As per requirement of drawing document.

(7) Quality control has the power to reject any and  
all product that does not meet specifications.

- (8) Any product that is not visually correct shall be rejected.
- (9) Quality control has the power to shut down the assembly line for any situation detrimental to QA/QC requirements.
- (10) All product shall be final inspected visually for its proper identity and completeness before delivery to the shipping and receiving department.
- (11) All inspection of any product shall be documented, passed or rejected, and reason of rejection.
- (12) Records shall be kept of all product inspection reports.
- (13) A complete inventory shall be kept of all product.