

21ST CENTURY TECHNOLOGIES

337 EUBANK BLVD., NE
ALBUQUERQUE, NEW MEXICO 87123
(505) 296-4845
FAX: (505) 271-2633

Steven L. Baggett
Section Chief
U.S. Nuclear Regulatory Commission
Sealed Source Safety Section
Division of Industrial and Medical Nuclear Safety
Washington, D.C. 20555

Dear Mr. Baggett:

I have read over the registration certificate and have discovered an error on my part with regard to Series 100 and Series 500 sight configurations. The wall thickness on Series 100 is listed as a minimum of .018" but should be listed as .010". The wall thickness of Series 500 is listed as a minimum of .020" but should be also listed as .010". I have included prints noting these changes.

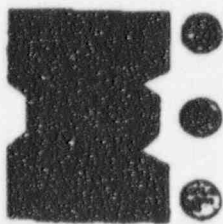
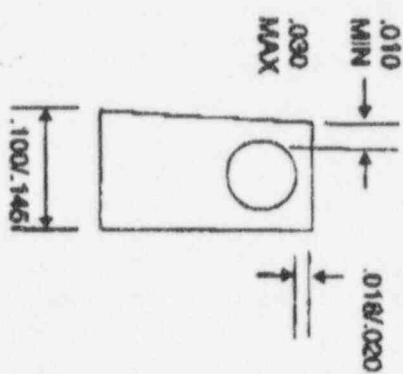
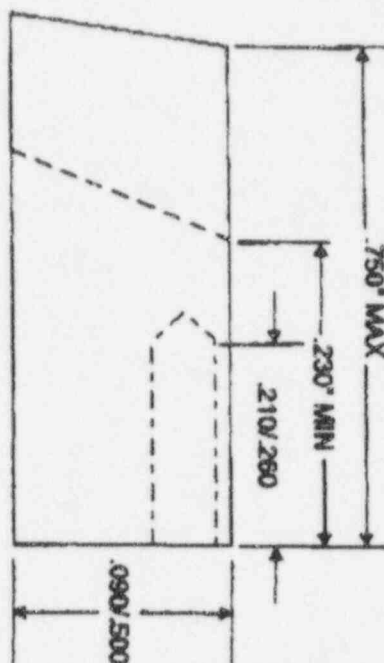
All previous testing and evaluation was performed using the .010" wall in Series 100 and the Series 500 sight and we therefore respectfully request these changes be reflected on the new certificate. The .018" figure was incorrectly transcribed and should read as .010".

21st Century Technologies, Inc. is the name that should be reflected on the license.

Sincerely,

David M. Gregor
David M. Gregor - Ex. V.P.
21st Century Technologies

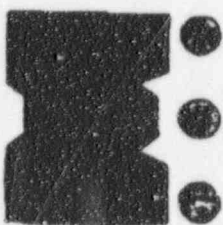
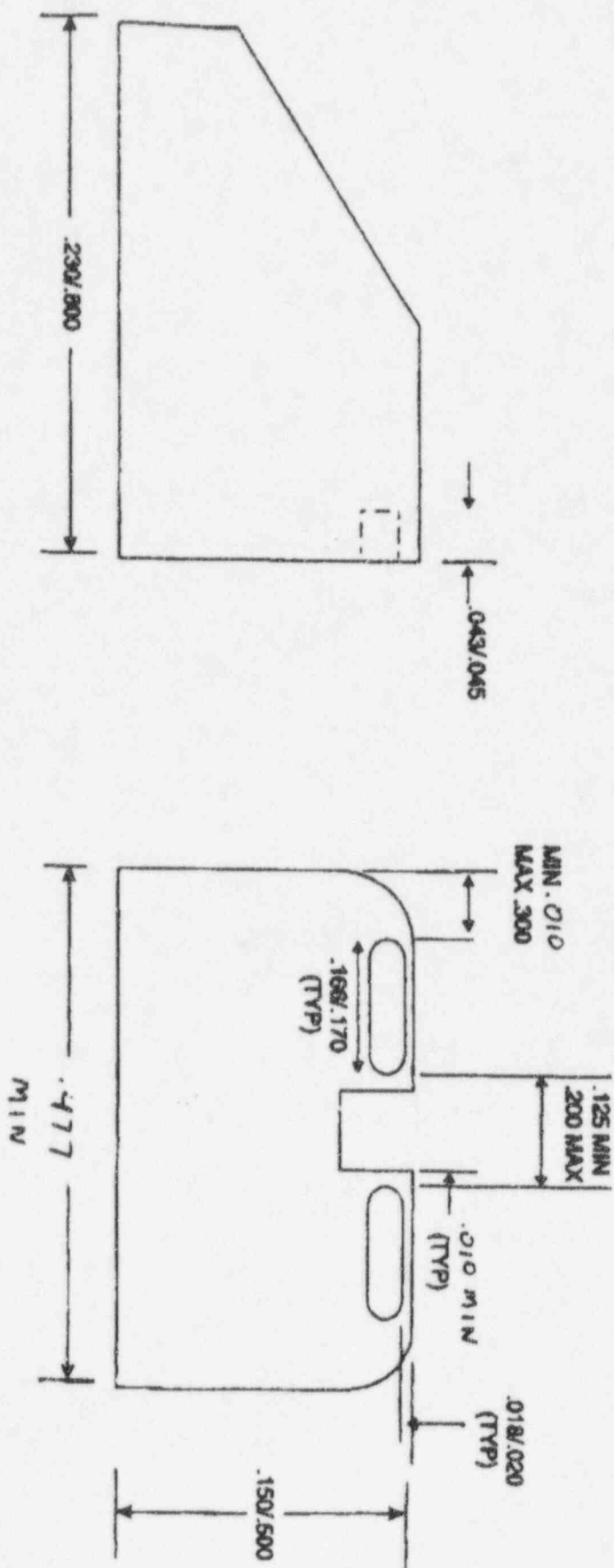
SERIES 100



Innovative
Weaponry
Incorporated

337 Eubank NE
Albuquerque, NM 87123 U.S.A.
(505) 296-4645

SERIES 500



**Innovative
Weaponry
Incorporated**

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Albuquerque, NM 87123 U.S.A.
(505) 296-4645



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous & Radioactive Materials Bureau

2044 Galisteo
P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-1557
Fax (505) 827-1544



MARK E. WEIDLER
SECRETARY

EDGART THORNTON, III
DEPUTY SECRETARY

RADIOACTIVE MATERIAL LICENSE

Pursuant to the New Mexico Radiation Protection Act of 1978, and the Radiation Protection Regulations Subpart 3, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material(s) designated below; and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders now or hereafter in effect, of the New Mexico Environment Department and to any conditions specified below.

1. LICENSE NAME 21st Century Technologies, Inc.	2. LICENSE NUMBER GS281-10
3a. ADDRESS 337 Eubank NE., Albuquerque, New Mexico 87123	3b. ACTUAL LOCATION OF OPERATION 337 Eubank NE., Albuquerque, New Mexico 87123
4. TELEPHONE 505/ 296-4645	5. EXPIRATION DATE January 31, 1996

6. RADIOACTIVE MATERIALS (element & mass no.) 7. FORM (Chemical or Physical) 8. MAXIMUM QUANTITY Licensee may possess at any one time.

A. Hydrogen 3.

A. Sealed sources
(Lamintec, Atomic
Energy of South Africa,
Model Numbers CL/1, 5/4, 85
and CL/0, 95/3, 3

A. Not to exceed 2000
curies total. Not to
exceed 30 millicuries
per source or 120
millicuries per weapon.

9. Authorized use.

A. For possession and installation of sealed inserts to be used in gun sights.

LICENSE NUMBER GE281-10

10. The licensee shall comply with the provisions of Subparts 3, 4 and 10, New Mexico Radiation Protection Regulations.
11. Licensed material shall be used by, or under the supervision of Patricia Wilson, Dave Gregor or Richard Bates.
12. The Secretary of the Department or the Secretary's authorized representatives shall be allowed to enter the premises and inspect the radiation related activities at all reasonable times. Failure of the licensee to admit the Secretary or the Secretary's authorized representatives shall constitute grounds for issuance of an immediate cease and desist order.
13. Thirty (30) days before vacating or relinquishing possession or control of the premises, the licensee shall notify the Department in writing of the intent to vacate and the address of relocation.
14. Sealed sources containing licensed material shall not be opened.
15. A. Individuals involved in operations which utilize, at any one time, more than 100 millicuries of hydrogen 3 in a non-contained form other than metallic foil, shall have bioassays performed within one (1) week following a single-operation and at weekly intervals for continuing operations.
B.
 1. Tritium shall not be used in such a manner as to cause any individual to receive a radiation exposure such that urinary excretion rates exceed 28 microcuries of tritium per liter when averaged over a calendar quarter.
 2. Urinalysis shall be performed at weekly intervals on all individuals who work in the restricted areas of facilities in which tritium is used. If the average concentration of tritium in urine for any single individual during a calendar quarter is less than 10 microcuries per liter, urinalysis may be performed on that individual at monthly intervals for the following calendar quarter and may continue at monthly intervals so long as the average concentration in the calendar quarter remains below 10 microcuries per liter. The urine specimen shall be collected on the same day of the week insofar as possible.
 3. A report of an average concentration in excess of the limit in B 1 above for any individual shall be filed in writing, within thirty (30) days of the end of the calendar quarter, with the New Mexico Environment Department, Radiation Licensing and Registration Section, P.O. Box 26110, 2044 Galisteo, Santa

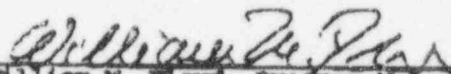
LICENSE NUMBER CMT81-10

Fe, New Mexico 87502-6110. The report shall contain the results of all urinalyses for the individual during the calendar quarter, the cause of the excessive concentrations and the corrective steps taken or planned to assure against a recurrence.

4. Any single urinalysis which discloses a concentration of greater than 50 microcuries per liter shall be reported in writing, within seven (7) days of the licensee's receipt of the results, to the New Mexico Environment Department, Radiation Licensing and Registration Section, 2044 Galisteo, Santa Fe, New Mexico, 87505-6110.
16. The licensee shall conduct a physical inventory every six (6) months to account for all sources received and possessed under the license. The records of the inventories shall be maintained for two years from the date of the inventory for inspection by the Department, and shall include the quantities and kinds of radioactive material, location of sealed sources the name of person taking the inventory, and the date of the inventory.
17. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6., 7., and 8. of the license in accordance with statements, representations, and procedures contained in, referenced in, or enclosed with the documents listed below. The most recent statements, representations and procedures shall govern if they conflict with previously submitted documents:
 - * Application and supplementals dated December 01, 1994, signed by Richard Bates, Executive Vice-President.
 - * Letters dated February 27, 1996, signed by David Gregor, President.

For the New Mexico Environment Department
Radiation Licensing and Registration Section

Date: February 28, 1996


William M. Floyd, Program Manager (WMF)