



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

INSPECTION REPORT NO. 22-13585-026
22-13585-03

NITE-SITE, INC.
(Licensee name/address)
Rosemont, MN

Telephone No: _____

License No. 22-13585-026

Last amendment & date: 01 - Nov 22, 76
Paris Feb 4, 1976

Docket No. 3-7636

Category: 4 & Priority: 4, as of last amendment.

Inspection date(s): 1/24/79 Type of inspection: Safety

SUMMARY OF FINDINGS AND ACTION

- | | |
|---|---|
| <input type="checkbox"/> No noncompliance, clear 591 | <input type="checkbox"/> Noncompliance, 591 issued |
| <input checked="" type="checkbox"/> Noncompliance, Appendix A | <input type="checkbox"/> Regional action <input type="checkbox"/> Hq action |
| <input type="checkbox"/> Action on previous n/c, App B | <input type="checkbox"/> Supplemental info, App C |

RECOMMENDATIONS

See basis in Appendix C or attached memo.

- | | |
|--|--|
| <input type="checkbox"/> Change Category to: _____ | <input type="checkbox"/> Change Priority to: _____ |
| <input type="checkbox"/> Next inspection date: _____ | |

PERSONS CONTACTED
(NAME AND TITLE)

_____	_____
_____	_____
_____	_____
_____	_____

* Indicates those attending management meetings

Inspector: In Thor Cheng C/P
(signature)

2/8/79
(date signed)

Approved: Carl Payeruello
(signature)

2/8/79
(date signed)

INSPECTION PLAN AND REPORT NUMBER

7901

PLANNING SHEET

Date: 1/24/79

Licensee:

A. L. - Site Inc

License no:

22-8555-020

+

22-1355-023

Inspection Items	Scheduled for inspection	Post-inspection status	Module no.	766 Time Info
Management meeting - Entrance and Exit Interviews (REQUIRED)	<u>L</u>	<u>L</u>	307038	
Initial Management Meeting			308008	
Program requirements, MC 28 (REQUIRED)	<u>L</u>	<u>L</u>	777103	
Licensee Event Followup			927008	
Followup on Inspector-identified problems			927018	
Followup on Noncompliance and Deviations	<u>L</u>	<u>L</u>	927028	
IE Bulletin/Immediate Action Letter Followup			927038	
Followup on Headquarters Requests			927048	
Followup on Regional Requests			927058	
Independent Inspection Effort (REQUIRED)	<u>L</u>	<u>L</u>	927068	
Inspector Dispatched to Site			937008	
Followup on Significant Event Occurring During Inspection			937018	

INSPECTION REPORT NUMBER 101

APPENDIX A - DOCUMENTATION OF NONCOMPLIANCE

Licensee: White-Site Inc

License no: 22 / 3-85-026

Reference	Basis for noncompliance
Report item <u>IP3</u> 10 CFR _____ Lic Cond <u>Nk 22</u> Type n/c <u>4</u>	<u>License distributed site and allow</u> <u>General License to install on weapons</u>
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	

INSPECTION REPORT NUMBER 7-1

APPENDIX A - DOCUMENTATION OF NONCOMPLIANCE

Licensee: Nite Safe Inc.

License no: 22-13585-03

Reference

Basis for noncompliance

Report item PIC

10 CFR 30.310(c)(1)

Lic Cond _____

Type n/c D

CRIM labels not posted as required
Incorrect RI labels posted instead

Report item _____

10 CFR _____

Lic Cond _____

Type n/c _____

Report item _____

10 CFR _____

Lic Cond _____

Type n/c _____

Report item _____

10 CFR _____

Lic Cond _____

Type n/c _____

Report item _____

10 CFR _____

Lic Cond _____

Type n/c _____

APPENDIX II - LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS

Licensee: Nite Site IncLicense no: 22-1355-020

Identification and summary of action taken	Status
--	--------

Report no: <u>7401</u> Type n/c: <u>I</u> Describe: <u>Lic. Cond. #7</u>	
--	--

Action taken:

Quarterly reports submitted

OPEN

CLOSED

Report no: <u>7401</u> Type n/c: <u>I</u> Describe: <u>Lic. Cond. #9</u>	
--	--

Action taken:

Annual reports submitted

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____	
--	--

Action taken:

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____	
--	--

Action taken:

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____	
--	--

Action taken:

OPEN

CLOSED

APPENDIX B - LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS

Licensee: Nite-Site DineLicense no: 22-13555-03

Identification and summary of action taken

Status

Report no: 7401 Type n/c: D Describe: 19.11 a/b

Action taken:

Corrected

OPEN

CLOSEDReport no: 7401 Type n/c: D Describe: 19.11 C

Action taken:

Corrected

OPEN

CLOSEDReport no: 7401 Type n/c: D Describe: 20.12.3 (E/F)

Action taken:

Site license posted Unconform DOT
Labels, not CRm.OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____

Action taken:

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____

Action taken:

OPEN

CLOSED

APPENDIX C - SUPPLEMENTARY INFO

Nite-Site Inc

22-13515-020

- ☐ Uncorrected/repeated noncompliance
☐ Unusual occurrence, conditions, etc
☐ Basis for change of Category or Priority

- ☒ Unresolved items
☐ Inspector's comments

Lost and/or stolen sights have not been reported to NRC.
 Licensee unable to obtain total response from general license
 holders. Do have some information on loss and thefts but
 not complete - check w HQ

3 yr. ~~copy~~ work tests have not been submitted from
 all general license holders.

Licensee unable to obtain total response from general license
 holders. Also, records from Connell corp, are inadequate
 to follow-up on specific holders.

Licensee plans to obtain a sample from lead testing
based upon results from 3M. data over years past.

Check w HQ

INDUSTRIAL - ACADEMIC INSPECTION REPORT

Licensee: Nite-Site Inc Lic. No. 22-13585-02C ^{EIT} Amendment No. 1 of 11/22/78
 Date of Inspection: 1/24/79 ⁰³⁰⁰⁷⁶³⁶ ⁰³⁰¹¹³¹⁴

1. INSPECTION HISTORY

a. Items of noncompliance or safety items noted during last inspection

conducted on 10/23/74 ☒ Yes ☐ No

b. Requirement Corrected Not Corrected

- OZC-f- L/c #7 Safety reports not made to 734177 ✓

L/c #9 Annual reports not made since issue of license ✓

- O1 10CFR19.11 (a/b) Safety - Document ✓

10CFR19.11(c) Posting - MOC 3 ✓

10CFR20.20.23 (c)(1) Posting - CR14. ✓

(Supplemental)
by 03

c. If any items of noncompliance or safety items noted during the last

inspection were not corrected, explain: _____

2. ORGANIZATION

a. Organizational structure as described in application or letter

Dated 1/1/75, ^{and} as below

b. List primary licensee contact: Julio A. Santiago Telephone No.: 612-890-7531

Elliel F. Knutson

612-423-3735

c. Comment: Individuals are partners in business, ~~to be removed~~

Casualty Equipment Co is no longer associated with this licensee.

R. N. Walz is no longer consultant for the licensee.

3 M Corp is supplier - controller of ¹⁴⁷Pm (microsphere) sealed

source.

3. SUMMARY OF LICENSED PROGRAM (Kind of program, number of people, rate of use or quantities on hand, places and frequency of use, type, quantity and use as authorized).

- 03 license: for testing, demonstration, installation & removal of sealed luminous sources as gun sights/right sights on handguns & shotguns.
- 026 license: distribution ¹⁴⁷ Per in self-luminous gun sights & persons ^{usually have 4/5} Two individuals, distributing sights, ^{as} ~~distributed~~ ^{distributed} about 100 units (single sight ^{for month} ~~single sight~~ ^{inventory on hand varies and averages closely to the limit of 75 MC} ¹⁴⁷ ~~Per~~ ^{affixed in sight mounts} ~~Material kept locked in room of building on~~ ^{Ugma, all agricultural sites in the midland of Roundvale. Contrary to L/C #2 of 1355-02-} ~~License is distributed, signed by general director who initial them on their weapons.~~

Category and priority of this license is appropriate: ☒ Yes ☐ No

If "No" state new Category _____ Priority _____.

4. INTERNAL AUDITS OR INSPECTIONS

a. Required by L/C or application: Yes ☐ No ☒ If "Yes":

- 1) By whom _____
- 2) Frequency _____ Announced: _____ Unannounced: _____
- 3) Scope _____
- 4) Records maintained: Yes _____ No _____
- 5) Records reviewed: Yes _____ No _____
- 6) Period Reviewed: _____

b. Comment (responsibility of auditor or committee, management control):

Direct responsibility of partners/owners, all other workers except for 3 MC as suggested by BPM.

5. TRAINING RETRAINING AND INSTRUCTION TO WORKERS

a. Training program specified in L/C or application: Yes No

b. If training program is required, describe scope of program: _____

*Specified 3 mo. training course by USMIA for Principled Protest & Protest.
plus Math & Calculus basic to adv. & meas. Security. Mass. techniques & instr. plus
biological effects of various rock C.I.T.*

c. Retraining required: Yes No

If "Yes" is retraining: Complete Incomplete

1) Are tests and/or examinations required: Yes No

2) If "Yes" are records available: Yes No

3) Reviewed test results: Yes No

4) Period reviewed: _____

5) Comment (per cent completed, test results, etc.): _____

d. Training provided, but not covered above: *Also, that required for law
enforcement officer for handling weapons.*

*Training under P5 b was that indicated on above App.
as having been received by the two individual persons.*

e. Instructions to workers in accord with IOCFR 19.12: Yes No

6. RADIOLOGICAL PROTECTION PROCEDURES

a. Operating and Emergency Procedures

- 1) Required by L/C or application: ☒ Yes _____ No _____
- 2) Provided, but not required by L/C or application: Yes _____ ☒ No _____
- 3) Procedures reviewed: ☒ Yes _____ No _____
- 4) Appeared Adequate: ☒ Yes _____ No _____
- 5) Comments (person with understanding of procedures): _____

MSG procedure / M. procedure for general license.

b. Changes in procedures since last inspection: Yes _____ ☒ No _____

- 1) Were changes authorized: Yes _____ No _____
- 2) Comments: _____

7. INSTRUMENTATION

- None - Not Applicable.*
- a. Type(s) of radiation survey instruments on hand as per L/C, application or equivalent: Yes _____ ☒ No _____

- 1) If "No" list changes: _____

b. Capability of radiation survey instruments adequate for program:

Yes _____ No _____

c. Calibration of instruments required: Yes _____ No _____

d. If "Yes" instruments calibrated in accord with requirements:

Yes _____ No _____

e. Comment: _____

8. MATERIALS

a. Radioactive material secured to prevent unauthorized removal from:

1) Restricted area: ☒ Yes _____ No _____ *Licensee's facilities*

2) Unrestricted area (20.207): ☒ Yes _____ No _____

b. Method of control appears adequate: ☒ Yes _____ No _____

c. Comment: *Storage container in locked cabinet in locked room in locked building and which is open w/ gate which is locked during off irregular hours. Licensee had on hand ~ 74 mCi of ¹⁹⁷Pm which would demonstrate activity within the next week.*

9. FACILITIES

a. Facilities described in letter or application: Yes _____ ☒ No _____

b. Facilities inspected: ☒ Yes _____ No _____ *Storage,*

c. Comment: *Personnel working space as office & distribution facility. Building & grounds owned by UofMN as part of their Agric. Space. Satisfactory for purposes of license.*

10. POSTING AND LABELING

a. Posting and labeling in accord with 10CFR 20.203: Yes No

b. Comment: Locked cabinet containing two stored
147Pm gamma sources was ~~not~~ protected with DCT
locks and had the required CRM. This
is a repeat item of NRC license # 22-1355-03

11. RECEIPT AND TRANSFER OF MATERIAL

a. Procedures for picking up and receiving packages (10CFR 20.205 (b)(c)):

Yes No

1) Incoming shipments monitored: Yes No

2) Records of monitoring maintained (10CFR 20.401(b)): Yes No

3) Records reviewed by NRC inspector: Yes No

4) Period reviewed: 1976 full

b. Procedures for opening packages (10CFR 20.205(d)): Yes No

c. Comment: Procedures not written. Nite Site orders material from 3M
who is supplied the plastic sights, in which the ^{by Nite Site} 147Pm microphones, sealed
in pyrex, are potted. When order is filled, licensee personnel pick up
at 3M and transfer to their facilities. Surveys made by 3M and
not by licensee. Records/inventory of units then entered in
log book in which final disposition of transfer to general
licensees is entered and maintained. Units are packed
in sets or singles as necessary & required for specific model
weapon. These packages, also containing required information
and radiation tags/info ^(See Exhibit A & B of license) are then ~~placed in~~ numbered and
placed in a container until subsequent transfer to
general licensee whose ID# address is then entered in log book.

d. Records of receipt and transfer of material available (30.51(a); 40.61(a); 70.51(b)(1)): Yes _____ No _____

1) If "Yes" review of records was made by inspector: Yes _____ No _____

2) Period Reviewed: 1976 Jun _____

3) Comments: Based upon inspection sampling, records were adequate. See Exhibits A+B for a partial inventory of documents distributed with sights.

e. Packages on hand meet labelling requirements (49CFR 173.399):

Yes _____ No _____

Comments: _____

f. Reports to commission required by L/C or regulation submitted:

Yes _____ No _____

Comments: Quarterly and Annual reports required by regulations and license conditions. 1/7 and 1/9

12. PERSONNEL RADIATION PROTECTION - EXTERNAL

a. Film or TLD badge supplier _____

b. Badge exchange frequency _____

c. Reports reviewed by _____

e. Records reviewed for period _____ to _____ by NRC inspector

f. NRC forms or equivalent

1) NRC-4 (20.102(b)): Yes _____ No _____ Complete: Yes _____ No _____

2) NRC-5 (20.401(a)): Yes _____ No _____ Complete: Yes _____ No _____

Maximum whole body quarterly exposure: _____

Maximum extremity quarterly exposure: _____

Not Applicable.

3) Comment: _____

g. Pocket dosimeters used: Yes _____ No

1) Type used: _____
2) Frequency of recharging: _____
3) Frequency of reading: _____
4) Comment: _____

h. Direct radiation surveys of restricted and/or unrestricted areas being made:

Yes _____ No
1) Records of surveys being maintained: Yes _____ No _____
2) Records of surveys reviewed: Yes _____ No _____
3) Period reviewed: _____
4) Comments: _____

13. PERSONNEL RADIATION PROTECTION - INTERNAL

a. Potential for exposure of individuals to airborne radioactive materials

exists: Yes _____ No _____

1) If "Yes" does program for monitoring and control exist: Yes _____ No _____

2) Program for monitoring and control appears adequate: Yes _____ No _____

b. Comments: _____

c. Respiratory protection program required by L/C or application:

Yes _____ No NA

1) If "Yes" were respiratory protection procedures reviewed:

Yes _____ No _____

2) Respiratory protection procedures appear adequate: Yes _____ No _____

3) Comments: _____

d. Bioassay program required: Yes _____ No NA

1) If "Yes" was bioassay program reviewed: Yes _____ No _____

2) Bioassay program appear adequate: Yes _____ No _____

3) Comments: _____

e. Smears and air samples

1) Monitoring for airborne radioactivity is conducted (20.103):

Yes _____ No Not Applicable

a. Records of monitoring reviewed: Yes _____ No _____

b. Period reviewed: _____

c. Records of monitoring appears adequate: Yes _____ No _____

2) Smear surveys being conducted (20.201, b): Yes _____ No _____

a. Records of smear surveys reviewed: Yes _____ No _____

b. Period reviewed: _____

c. Records appeared adequate: Yes _____ No _____

3) Comments: _____

14. LEAK TESTS

- a. Leak tests required: ☒ Yes ☐ No
- b. If "Yes" leak tests conducted: ☒ Yes ☐ No
- c. Records of leak tests maintained: ☒ Yes ☐ No
- d. Leak tests records reviewed: ☒ Yes & ☒ No partial available, rest by 3M Corp.
- e. Period reviewed: 1976 full
- f. Records of leak tests appear adequate: Yes ☐ No ☐
- g. Comments: Leak testing performed by 3M Corp prior to transfer to licensee. Leak tests also performed by general licensee who forward wipes to licensee who then turns over to 3M for measurement. All results indicate $< 0.005 \mu\text{Ci}$. Of sights distributed prior to 1976, approximately 1/3 have not been returned &/or leak tests have not been returned. Caldwell (Continued Page 13 TP22)

15. RADIOACTIVE EFFLUENT CONTROL AND WASTE DISPOSAL

- a. Byproduct material released to atmosphere and/or sewer (20.106 and 20.303):
Yes ☐ No ☒
- b. Records of releases or radioactive effluents maintained (20.401):
Yes ☐ No N/A
- 1) Period reviewed: _____
- 2) Records appear adequate: Yes ☐ No ☐
- c. Solid waste disposal method: Transfer expired material to 3M for disposal
- 1) Records of disposal maintained (30.51): ☒ Yes ☐ No
- 2) Surveys of waste prior to disposal made (20.201): ☒ Yes ☐ No
- 3) Period reviewed: '76 full
- 4) Records of surveys appear adequate (20.401): ☒ Yes ☐ No
- d. Comments: All units returned are transferred to 3M who disposes of them after survey and final leak test

16. SHIPPING INCIDENTS

- a. Have any shipping incidents occurred since (date) 10/74 - none.
- 1) Was incident documented: Yes _____ No _____
- 2) If "Yes" documentation appears adequate: Yes _____ No _____
- b. Comments (reports to DOT, etc.): _____
- _____
- _____
- _____
- _____
- _____
- _____

17. NOTIFICATIONS AND REPORTS

- a. Licensee in compliance with 10CFR 19.13 (reports to individuals):
Yes _____ No _____
- b. Licensee in compliance with 10CFR 20.405 (over exposures):
Yes _____ No _____
- c. Licensee in compliance with 10CFR 20.403 (incidents):
Yes _____ No _____
- d. Licensee in compliance with 10CFR 20.402 (theft or loss):
Yes _____ No _____
- e. Comments: Units fabricated prior to 1976 did not adhere to weapon
because of embrittlement with aging, thus some units have
been lost. Licensee knows only of a few cases, but may be more
on list of those units unaccounted for at that time (See #14)
In addition, some law enforcement personnel have had
their weapons stolen from them (ie. incident at Mpls/St Paul Airport
about 3 yrs ago, on record) and they are reluctant to advertise this occurrence.
There was one lost in 1970. No file attached and no record noted in 1970.

18. POSTING OF NOTICES

a. Licensee in compliance with 10CFR 19.11(a) or (b): Yes _____ (No) _____

b. Licensee in compliance with 10CFR 19.11(c): Yes _____ (No) _____

c. Comments: Pasting of documents was not complete, this was corrected during the inspection.

19. ENVIRONMENTAL MONITORING PROGRAM

a. Environmental Monitoring Program required: Yes _____ (No) _____

b. If "Yes" records reviewed: Yes _____ No _____

c. Period reviewed: _____

d. Records appeared adequate: Yes _____ No _____

e. If Environmental Program is not required, briefly describe any existing program: _____

20. CONFIRMATORY MEASUREMENTS

a. Independent measurements made by inspector: (Yes) _____ No _____

b. Comments (describe type, results, comparison with licensee results): _____

(E-PRM-6 NRC # CS-001808 w/ submittal 6 M. NRC # CS-001809) -
Direct surveys of ~~some~~ individual sealed sources ¹⁴⁷Pm sigfigs as well as the container of ~50 units in storage gave no readings significantly greater than background (0.01-0.03 mR/hr)

21. INDEPENDENT INSPECTION EFFORT

a. Comment on type of independent inspection effort conducted: Downed Office
Facility and discussed program to obtain information on
receipt, distribution and disposal operations. Units
not purchased only by law enforcement agencies, agents who install
units on weapons and become general licensees

22. CONTINUATION FROM PREVIOUS PARAGRAPHS - USE BACK OF PAGE IF NECESSARY

(Continued from page 10 P 14) Equipment Co. at that time was handling distribution and the records
were kept very poorly. Consequently, the licensee has terminated Caswell and has taken
over the records, presently attempting to determine status of what has been returned from
whom. Licensee could not match up units distributed with responses
Caswell received by mail. (See leak test & info sheet attached as Exhibit C, then on to page 11)

(Continued from page 11 P 17) insufficient records to properly identify those units
which were attached to the stolen weapons.

Each licensee shall perform, or permit the Commission to perform, such tests as the Commission deems appropriate or necessary for the administration of the provisions in this part and Part 31.5, including tests of:

- (a) Byproduct material;
- (b) Facilities wherein byproduct material is utilized or stored;
- (c) Radiation detection and monitoring instruments; and
- (d) Other equipment and devices used in connection with the utilization or storage of byproduct material.

ENFORCEMENT

§ 30.61 Modification and revocation of licenses.

(a) The terms and conditions of each license issued pursuant to the regulations in this part and Parts 31-36 shall be subject to amendment, revision or modification by reason of amendments to the Act, or by reason of rules, regulations and orders issued in accordance with the terms of the Act.

(b) Any license may be revoked, suspended or modified, in whole or in part, for any material false statement in the application or any statement of fact required under section 182 of the Act, or because of conditions revealed by such application or statement of fact or any report, record or inspection or other means which would warrant the Commission to refuse to grant a license on an original application, or for violation of, or failure to observe any of the terms and provisions of the Act or of any rule, regulation or order of the Commission.

(c) Except in cases of willfulness or those in which the public health, interest or safety requires otherwise, no license shall be modified, suspended or revoked unless, prior to the institution of proceedings therefor, facts or conduct which may warrant such action shall have been called to the attention of the licensee in writing and the licensee shall have been accorded an opportunity to demonstrate or achieve compliance with all lawful requirements.

§ 30.62 Right to withhold or recall byproduct material.

The Commission may withhold, recall or order the withholding or recall of byproduct material from any licensee who is not equipped to observe or fails to observe such safety standards to protect health as may be established by the Commission, or who uses such materials in violation of law or regulation of the Commission, or in a manner other than as disclosed in the application therefor or approved by the Commission.

§ 30.63 Violations.

An injunction or other court order may be obtained prohibiting any violation of any provision of the Act or any regulation or order issued thereunder. Any person who willfully violates any provision of the Act or any regulation or order issued thereunder may be guilty of a crime and, upon conviction, may be punished by fine or imprisonment or both, as provided by law.

§ 31.5 Certain measuring, gauging or controlling devices.

(a) Subject to the provisions of this section, a general license is hereby issued to own, receive, acquire, possess and use

byproduct material when contained in devices designed and manufactured for the purpose of detecting, measuring, gauging or controlling thickness, density, level, interface location, radiation, leakage, or qualitative or quantitative chemical composition, or for producing light or ionized atmosphere.

(b) The general license contained in this section applies only to devices which have been:

(1) Manufactured in accordance with the specifications contained in a specific license issued by the Commission to the manufacturer of the device pursuant to § 32.51 of this chapter, or in accordance with the specifications contained in a specific license issued to the manufacturer by an agreement State which authorizes the manufacture of the device for distribution to persons generally licensed by the agreement State; and

(2) Installed on the premises of the general licensee by a person authorized to install such devices under a specific license issued to the installer by the Commission pursuant to Parts 30 and 32 of this chapter or by an agreement State, if a label affixed to the device at the time of receipt states that installation by a specific licensee is required. The requirement of this subparagraph (2) does not apply while devices are held in storage in the original shipping container pending installation by a specific licensee.

(c) The general license contained in this section applies only to devices which (1) are labeled in accordance with the provisions of the specific license which authorizes the distribution of the device to general licensees, and (2) bear a label containing the following or a substantially similar statement which contains the information called for in the following statement:

The receipt, possession, use, and transfer of this device, Model #..... Serial No. #..... are subject to a general license or the equivalent and the regulations of the U.S. AEC or of a State with which the AEC has entered into an agreement for the exercise of regulatory authority. Removal of this label is prohibited.

CAUTION-RADIOACTIVE MATERIAL

(Name of supplier)*

*The model, serial number, and name of supplier may be omitted from this label provided they are elsewhere specified in labeling affixed to the device.

(d) Persons who own, receive, acquire, possess or use a device pursuant to the general license contained in this section:

(1) Shall not transfer, abandon or dispose of the device except by transfer to a person authorized by a specific license from the Commission or an agreement State to receive such device and shall furnish to the Director of the appropriate Atomic Energy Commission Regional Compliance Office listed in Appendix "D" of Part 20 of this chapter, "Standards for Protection Against Radiation", within 30 days after any trans-

*Devices generally licensed under this section acquired prior to July 1, 1968, may bear labels authorized by the regulations in effect on Jan. 1, 1968.

fer, a report containing the name of the manufacturer of the device, the type of device, the manufacturer's serial number of the device, and the name and address of the person receiving the device.

(2) Shall assure that all labels affixed to the device at the time of receipt and bearing a statement that removal of the label is prohibited are maintained thereon and shall comply with all instructions contained in such labels.

(3) Shall have the device tested for leakage of radioactive material and proper operation of the on-off mechanism and indicator, if any, at the time of installation of the device or replacement of the byproduct material on the premises of the general licensee and thereafter at no longer than six-month intervals or at such longer intervals not to exceed three years as are specified in the label required by § 31.5(c), provided that devices containing only krypton need not be tested for leakage, and devices containing only tritium need not be tested for any purpose.

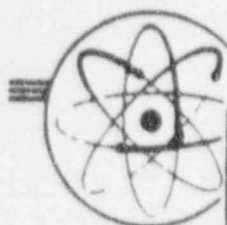
(4) Shall have the tests required by subparagraph (3) of this paragraph and all other services involving the radioactive material, its shielding and containment, performed by the supplier or other person holding a specific license from the Commission, or an agreement State to manufacture, install or service such devices.

(5) Shall, within 30 days after the occurrence of a failure of or damage to the shielding of the radioactive material or the on-off mechanism or indicator or upon the detection of 0.005 microcurie or more of removable radioactive material, furnish to the Director of the appropriate Atomic Energy Commission Regional Compliance Office listed in Appendix "D" of Part 20 of this chapter, "Standards for Protection Against Radiation", a report containing the name of the manufacturer of the device, the type of device, the manufacturer's serial number of the device and a brief description of the event and the remedial action taken; and shall maintain records of all tests performed on the devices as required under this section, including the dates and results of the tests and the names of the persons conducting the tests.

(6) Upon the occurrence of a failure of or damage to, or any indication of a possible failure of or damage to, the shielding or containment of the radioactive material or the on-off mechanism or indicator, shall immediately suspend operation of the device until it has been repaired by the supplier or other person holding a specific license from the Commission or an agreement State to manufacture, install or service such devices, or disposed of by transfer to a person authorized to receive the byproduct material contained in the device; and

(7) Shall be exempt from the requirements of Part 20 of this chapter, except that such persons shall comply with the provisions of §§ 20.402 and 20.403 of this chapter.

(e) Persons who possess byproduct material pursuant to this general license shall not export such byproduct material without a specific license from the Commission authorizing such export.



UNITED STATES ATOMIC ENERGY COMMISSION

RULES and REGULATIONS • TITLE 10 - ATOMIC ENERGY

PART
20

STANDARDS FOR PROTECTION AGAINST RADIATION

§ 20.402 Reports of theft or loss of licensed material.

(a) Each licensee shall report by telephone and telegraph to the Director of the appropriate Atomic Energy Commission Regional Compliance Office listed in Appendix D, immediately after its occurrence becomes known to the licensee, any loss or theft of licensed material in such quantities and under such circumstances that it appears to the licensee that a substantial hazard may result to persons in unrestricted areas.

(b) Each licensee who is required to make a telephonic and telegraphic report pursuant to paragraph (a) of this section shall, within 30 days after he learns of the loss or theft, make a report in writing to the Director, Division of Compliance, U.S. Atomic Energy Commission, Washington, D.C. 20545, with a copy to the Director of the appropriate Atomic Energy Commission Regional Compliance Office listed in Appendix D, setting forth the following information:

(1) A description of the licensed material involved, including kind, quantity, chemical, and physical form;

(2) A description of the circumstances under which the loss or theft occurred;

(3) A statement of disposition or probable disposition of the licensed material involved;

(4) Radiation exposures to individuals, circumstances under which the exposures occurred and the extent of possible hazard to persons in unrestricted areas;

(5) Actions which have been taken, or will be taken, to recover the material; and

(6) Procedures or measures which have been or will be adopted to prevent a recurrence of the loss or theft of licensed material.

(c) Subsequent to filing the written report the licensee shall also report any substantive additional information on the loss or theft which becomes available to the licensee, within 30 days after he learns of such information.

(d) Any report filed with the Commission pursuant to this section shall be so prepared that names of individuals who may have received exposure to radiation are stated in a separate part of the report.

§ 20.403 Notifications of incidents.

(a) Immediate notification. Each licensee shall immediately notify the Director of the appropriate Atomic Energy Commission Regional Compliance Office shown in Appendix D by telephone and telegraph of any incident involving byproduct, source or special nuclear material possessed by him and which may have caused or threatens to cause:

(1) Exposure of the whole body of any individual to 25 rems or more of radiation; exposure of the skin of the whole body of any individual of 150 rems or more of radiation; or exposure of the feet, ankles, hands or forearms of any individual to 375 rems or more of radiation; or

(2) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 5,000 times the limits specified for such materials in Appendix B, Table II; or

(3) A loss of one working week or more of the operation of any facilities affected; or

(4) Damage to property in excess of \$100,000.

(b) Twenty-four hour notification. Each licensee shall within 24 hours notify the Director of the appropriate Atomic Energy Commission Regional Compliance Office listed in Appendix D by telephone and telegraph of any incident involving licensed material possessed by him and which may have caused or threatens to cause:

(1) Exposure of the whole body of any individual to 5 rems or more of radiation; exposure of the skin of the whole body of any individual to 30 rems or more of radiation; or exposure of the feet, ankles, hands or forearms to 75 rems or more of radiation; or

(2) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 500 times the limits specified for such materials in Appendix B, Table II; or

(3) A loss of one day or more of the operation of any facilities affected; or

(4) Damage to property in excess of \$1,000.

(c) Any report filed with the Commission pursuant to this section shall be prepared so that names of individuals who have received exposure to radiation will be stated in a separate part of the report.

§ 20.34 Terms and conditions of license.

(a) Each license issued pursuant to the regulations in this part and the regulations in Parts 31-36 shall be subject to all the provisions of the Act, now or hereafter in effect, and to all valid rules, regulations and orders of the Commission.

(b) No license issued or granted pursuant to the regulations in this part and Parts 31-36, nor any right under a license shall be transferred, assigned or in any manner disposed of, either voluntarily or involuntarily, directly or indirectly, through transfer of control of any license to any person, unless the Commission shall, after securing full information, find that the transfer is in accordance with the provisions of the Act and shall give its consent in writing.

(c) Each person licensed by the Commission pursuant to the regulations in

this part and Parts 31-36 shall confine his possession and use of the byproduct material to the locations and purposes authorized in the license.

Except as otherwise provided in the license, a license issued pursuant to the regulations in this part and Parts 31-36 of this chapter shall carry with it the right to receive, acquire, own, possess, and import byproduct material and to transfer such material to the Commission, to a specific or general licensee of the Commission or of an Agreement State whose licensee authorizes him to receive such material, or to any person exempt from the regulations in this part to the extent permitted under such exemption.

(d) Each license issued pursuant to the regulations in this part and Parts 31-36 shall be deemed to contain the provisions set forth in section 183b-4, inclusive, of the Act, whether or not these provisions are expressly set forth in the license.

(e) The Commission may incorporate, in any license issued pursuant to the regulations in this part and Parts 31-36, at the time of issuance, or thereafter by appropriate rule, regulation or order, such additional requirements and conditions with respect to the licensee's receipt, possession, use and transfer of byproduct material as it deems appropriate or necessary in order to:

(1) Promote the common defense and security;

(2) Protect health or to minimize danger to life or property;

(3) Protect restricted data;

(4) Require such reports and the keeping of such records, and to provide for such inspections of activities under the license as may be necessary or appropriate to effectuate the purposes of the Act and regulations thereunder.

RECORDS, INSPECTIONS AND TESTS

§ 30.51 Records.

Each person who receives byproduct material pursuant to a license issued pursuant to the regulations in this part and Parts 31-36 shall keep records showing the receipt, transfer, export and disposal of such byproduct material.

§ 30.52 Inspections.

(a) Each licensee shall afford to the Commission at all reasonable times opportunity to inspect byproduct material and the premises and facilities wherein byproduct material is used or stored.

(b) Each licensee shall make available to the Commission for inspection, upon reasonable notice, records kept by him pursuant to the regulations in this chapter.

SHOTGUN - RIFLE - MACHINE GUN

INSTALLATION SHOULD BE MADE BY A COMPETENT GUNSMITH

REMINGTON, WINCHESTER AND STEVENS SHOTGUNS WITH STANDARD BEAD SIGHT.

1. Remove factory bead sight.
2. Clean out burrs from screw hole with 3x56 tap.
3. Install Nite-Site with enclosed screw and trim off excess screw length from inside of barrel. DO NOT USE LOCK-TITE ON THREADS.

ITHACA SHOTGUNS WITH BEAD FRONT SIGHT.

Follow above instructions except use 4x36 tap to clean burrs from screw hole.

HI-STANDARD SHOTGUNS WITH BEAD FRONT SIGHT.

Follow above instructions except use 4x48 tap to clean burrs from screw hole. Enlarge Nite-Site housing hole for a No. 4 screw.

ALL OTHER SHOTGUNS NOT MENTIONED ABOVE - INCLUDING RIBBED BARRELS.

1. File off existing bead. Do not remove the sight.
2. Locate Nite-Site and mark and drill with No. 45 drill.
3. Tap with 3x56 tap install Nite-Site with enclosed screw.
4. Trim off excess screw length from inside of barrel.

REMINGTON, HI-STANDARD AND ITHACA SHOTGUNS WITH RIFLE FRONT SIGHTS.

1. Remove factory front sight and replace with Nite-Site steel sight. Installation is done in a conventional manner.

RUGER MINI - 14, M-16 MACHINE GUNS AND AR-15 RIFLES.

1. Remove factory front sight and replace with Nite-Site steel sight. Installation is done in a conventional manner.

CORRECT SIGHT PICTURE

ALL SHOTGUNS - BEAD SIGHT.

At night when light from the Nite-Site reflects on the barrel, the shooter lowers his eye until a single dot appears. Same principle is used for daylight shooting employing the orange dot.

SHOTGUNS WITH STEEL FRONT RIFLE SIGHT - INCLUDES BEAD SIGHT ON PARKERIZED BARREL.

At night, shooter places eye below receiver, then raises head until front self-luminous dot appears. The instant the dot comes into view, correct sight picture is obtained. With very little practice, the shooter will be able to align dot instinctively.

RIFLES AND MACHINE GUNS WITH PEEP SIGHTS.

At night the self-luminous dot will automatically center itself in the rear peep sight.

MAINTENANCE - TREAT YOUR NITE-SITE THE SAME AS YOU WOULD A RIFLE SCOPE.

Keep grease, oil, solvents, etc. away from the lens portion of the Day/Night Combat sight. Do not use aerosol spray lubricants such as WD-40 on or near the Nite-Site housing. If weapon is to be re-blued, remove the sight. Periodically clean the lens with cotton swabs (Q-Tips).

The use of epoxy is recommended to assist in securing installation of the Bead Day/Night sight. DO NOT USE LOC-TITE PRODUCTS.

SEE OTHER SIDE FOR HANDGUN INSTRUCTIONS.

HANDGUN

INSTALLATION INSTRUCTIONS - CORRECT SIGHT PICTURE - MAINTENANCE

ALL DAY NIGHT COMBAT SIGHTS SHOULD BE INSTALLED BY A COMPETENT GUNSMITH.

COLT PYTHON, MK III AND RUGER REVOLVERS.

1. Locate and remove front sight pin(s).
2. Remove factory sight and replace with DAY/NIGHT sight unit.
3. Using pin holes as guide and drill size; drill through DAY/NIGHT sight unit and replace pin(s). NOTE: DO NOT ENLARGE EXISTING PIN HOLES.
4. Install rear DAY/NIGHT sight slide in usual manner.
5. Peel off back of NRC label and attach to inside of grip.

SMITH & WESSON REVOLVERS WITH RAMP FRONT AND ADJUSTABLE REAR SIGHTS.

1. All final fitting must be done before drilling and tapping.
2. Top of the Nite-Site housing should be just below the top of the steel sight.
3. Spacer provided should be used only if the steel sight is exceptionally high. Modifications to the height could be varied by filing or sanding the spacer.
4. Drill and tap for the 0-80 screw.
5. Apply epoxy to the bottom of the sight housing and turn screw to a snug position. DO NOT OVER TIGHTEN. USE EPOXY ONLY FOR INSTALLATION - DO NOT USE LOC-TITE PRODUCTS.
6. Install rear sight slide in the usual manner.
7. Peel off back of NRC label and attach to inside of grip.

SMITH & WESSON MODEL 39.59 AUTOMATICS.

1. Follow same instructions as S & W revolvers with the exception that two 0-80 screws are used. Remember to use epoxy to assist in a secure mount.

SMITH & WESSON REVOLVERS WITH PARTRIDGE FRONT AND ADJUSTABLE REAR.

1. Modification is made to the Nite-Site housing to fit the partridge sight by cutting off the front half of housing just ahead of the base.
2. Follow same instructions as S & W revolvers to complete installations.

CORRECT SIGHT PICTURE.

In daylight, conventional sights are used. At night, center front dot over rear sight bar. Impact will not change.

MAINTENANCE - TREAT YOUR COMBAT SIGHTS AS YOU WOULD A RIFLE SCOPE.

1. Clean weapon in conventional manner; do not use ultra-sonic cleaning machine, etc.
2. Keep grease, oil, solvents and aerosol spray such as WD-40 away from the glass lenses.
3. To clean glass lenses, use a dry cotton Q-Tip.
4. Do not re-blue weapon with DAY/NIGHT sights attached. We suggest when weapon is carried in a holster that keys, etc., are not worn on service belt where they can come in contact with rear DAY/NIGHT sight slide.

SEE OTHER SIDE FOR SHOTGUN, RIFLE AND MACHINE GUN INSTRUCTIONS.

1/24/29
CLO

Exhibit - C of Report

NITE-SITE, INC.

P. O. BOX 0
ROSEMOUNT, MINNESOTA 55068

MEMO TO: ALL OWNERS OF "NITE-SITE" SELF ILLUMINATING GUN SIGHTS

The U.S. Atomic Energy Commission requires that each set of self illuminating gun sights installed by NITE-SITE INC, be wipe tested every three years.

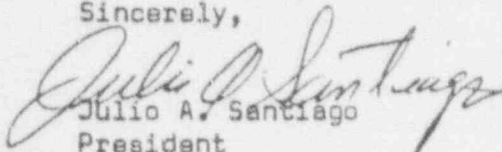
Enclosed please find two round filter papers. Simply wipe each sight housing with one of the filter papers and return the paper (s) to NITE-SITE INC, P.O.BOX 0, ROSEMOUNT, MINNESOTA 55068.

Since your weapon was among the first to carry night sights on duty, we would appreciate it if you would check the following, plus, adding your comments along with any incidences you came up with, both good and bad, during the course of duty:

- (A) Weapon with night sights still used on duty? Yes _____ No _____
(B) Self illuminating sources retaining the brightness you expect after three years? Yes _____ No _____
(C) Sight housing holding tight to the weapon? Both _____ Front _____ Rear _____
(D) COMMENTS: _____

Thank you very much for your assistance in this matter.

Sincerely,


Julio A. Santiago
President

Nite-Site # _____

Date installed _____

Daylight or Dark . . . Hit Your Mark

1/24/79
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