



GL-710455-18 06/17/2014 NRC FORM 664

02 - 2004 10 CFR 31.5 SECTION 1
PAGE 1 of 2
U.S. NUCLEAR REGULATORY COMMISSION

GENERAL LICENSEE REGISTRATION

APPROVED BY OMB: NO. 3150-0198

EXPIRES: 03/31/2010

Estimated burden per response to comply with this mandatory collection request. 20 moutes. NRC will use this information to track general licensees and their devices to ensure a higher layed of device accountability. Send comments regarding burden estimate to the Records and FOIAPrivacy Services. Branch (T-5 F52), U. S. Nuclear Regulatory Commission, Washington, DC 2055-0001, or by internet o-mail to to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0000). Office of Management and Budget, Washington, DC 20503. (If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to the Information collection.

Complete all six sections of this registration form. If any of the preprinted information is incorrect, provide the changes in the applicable boxes. USE CAPITAL LETTERS.

General License

SECTION 1 - GENERAL LICENSEE INFORMATION

Registration Number GL-710455-18

Enter the company name and the street address/physical location of use for your device(s). For portable devices, specify the primary storage location. Do not use a P.O. Box address.

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GL-710455-18 06/17/2014 NRC FORM 664

SECTION 1 PAGE 1 of 2

02 - 2004 10 CFR 31.5 U.S. NUCLEAR REGULATORY COMMISSION

GENERAL LICENSEE REGISTRATION

APPROVED BY OMB: NO. 3150-0198 EXPIRES: 03/31/2010 Estimated burden per response to comply with this mandstory collection request: 20 minutes. NRC will use this information to track general ficensees and their devices to ensure a higher level of device accountability. Send comments regarding burden estimate to the Records and FOIA/Privacy Services. Brench (T-5F57), U.S. Nuclear Regulatory Commission, Washington DC 20555-001, or by internet e-mail to the Dask Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0000). Office of Management and Budget, Washington, DC 20503. Ha means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not regulatory to respond to, the information collection

Complete all six sections of this registration form. If any of the preprinted information is incorrect, provide the changes in the applicable boxes. USE CAPITAL LETTERS.

General License Registration Number

GL-710455-18

SECTION 1 - GENERAL LICENSEE INFORMATION

Enter the company name and the street address/physical location of use for your device(s). For portable devices, specify the primary storage location. Do not use a P.O. Box address.

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SECTION 1 PAGE 2 of 2

SECTION 1 - GENERAL LICENSEE INFORMATION (Continued)

Enter the name, teleiphone number and title of the person who is the responsible individual for the device(s).

| Last Name: STICKLER | ; |
|--|----------------------------|
| STOKELY | |
| First Name: TIM | Middle Initial: |
| STEVEN | |
| Telephone: (574) 233-3116 | Extension: 332 |
| 7132443111 | |
| Title: CURRENT SAFETY OFFICER | |
| H 5 A L T H, S A F 2 T Y | ENV. DIR. |
| Enter the mailing address where correspondence regard This address should be specific to the use or storage to Department: ATTN: TIM STICKLER | |
| | 3 1 0 8 12 - 1 |
| Address Line 1: FOUR STAMFORD PLAZA | |
| 2000 WEST 5AM | $H \circ u \leq T \circ N$ |
| Address Line 2: 107 ELM STREET 7TH FLOOR | |
| PARKWAY SOUTH | SUITE 750 |
| City: SOUTH BEND | |
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| HONSTON | |





06/17/2014

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

SECTION 2

Our records indicate that you have these devices. Please update the information as necessary. PAGE 1 of 5 **NRC Device Key** 49257 (Internal Control Number) Distributor/Distributed By: TN TECHNOLOGIES, INC. Distributor License Number: L01105 Manufacturer Name: TN TECHNOLOGIES, INC. Device Model (Not Source Model): 5202 Device Serial Number: B31 Transfer Date (Receipt Date): 01/29/2004 Not in possession of device (Also Complete Section 4.) MM DD YY YY Isotope (e.g. AM241) Activity (e.g. 100) Unit (e.g. mCi) 200.000000000 1 CS137 mCi 2 3 4 5 6





06/17/2014

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

SECTION 2 PAGE 2 of 5

| NRC Device Key | 49258 | (Internal Control Number) | |
|---------------------------------|-----------|------------------------------------|---|
| Distributor/Distributed By: | TN TECHN | OLOGIES, INC. | |
| | | | |
| Distributor License Number: | _01105 | | |
| | | | |
| Manufacturer Name: TN TECHN | IOLOGIES | s, INC. | |
| | | | |
| Device Model (Not Source Mode | el): 5202 | | |
| | | | |
| Device Serial Number: B32 | | | |
| | | | |
| T (D ((D)) 04 | /20/2004 | | |
| Transfer Date (Receipt Date):01 | 12912004 | / Not in pagession of device (Also | |
| | | Complete Section 4.) | |
| MM DD YYY | Υ | <u>'</u> | |
| Isotope (e.g. AM241) | A | ctivity (e.g. 100) Unit (e.g. mCi) | _ |
| 1 CS137 | 2 | 200.000000000 mCi | |
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06/17/2014

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

SECTION 2 PAGE 3 of 5

| Our records indicate that yo | ou have these devices. | Please update the information as necessary. | PAGE 3 of 5 |
|--------------------------------|------------------------|---|-----------------|
| NRC Device Key | 49153 (Internal C | Control Number) | |
| Distributor/Distributed By: | TN TECHNOLOGIES, | INC. | |
| | | | • |
| Distributor License Number: | L01105 | | |
| | | | |
| Manufacturer Name: TN TECH | INOLOGIES, INC. | | |
| | | | |
| Device Model (Not Source Mod | del): 5201 | | |
| | | | |
| Device Serial Number: B45 | | | |
| | | | |
| Transfer Date (Receipt Date):1 | 11/15/1983 | | |
| | | Not in possession of device Complete Section 4.) | (Also |
| MM DD YY | 'YY | | |
| Isotope (e.g. AM241) | Activity (e.g. | 100) | Jnit (e.g. mCi) |
| 1 CS137 | 100.0000000 | | mCi |
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SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

SECTION 2 PAGE 4 of 5

| NRC Device Key 7 | 712302 (| internal Control Number) | |
|-----------------------------------|--------------|--------------------------|-----------------|
| Distributor/Distributed By: | Stock Equipn | nent Company | |
| | | | |
| Distributor License Number: 1 | 1370-1 | | |
| | | | |
| Manufacturer Name: STOCK EC | QUIPMENT C | COMPANY | |
| | | | · |
| Device Model (Not Source Mode | el): D14400 | | |
| | | | |
| Device Serial Number: SE3160 | <u> </u> | | |
| | | | |
| T (. D (D | 10414084 | | |
| Transfer Date (Receipt Date): 05/ | 70171964 | Not in possession of d | evice (Also |
| | | Complete Section 4.) | |
| MM DD YYY | Υ | | |
| Isotope (e.g. AM241) | Acti | vity (e.g. 100) | Unit (e.g. mCi) |
| 1 RA226 | 2.0 | 0000000 | mCi |
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06/17/2014

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

SECTION 2

| Our records indicate that you | u have these devices | . Please update the information as necessary. | PAGE 5 of 5 |
|----------------------------------|----------------------|--|-----------------|
| NRC Device Key | 712303 (Internal | Control Number) | |
| Distributor/Distributed By: | Stock Equipment Com | npany | |
| | | | |
| Distributor License Number: | 1370-1 | · | |
| | | | |
| Manufacturer Name: STOCK E | QUIPMENT COMPAN | Y . | |
| | | | |
| Device Model (Not Source Mod | lei): D14400 | | |
| | | | |
| Device Serial Number: SE3161 | J | | |
| | | | |
| Transfer Data (Passint Data):06 | 6/01/1084 | | |
| Transfer Date (Receipt Date): 05 | 777 | Not in possession of device complete Section 4.) | (Also |
| | | Complete Section 4.) | |
| MM DD YYY | YY | | |
| Isotope (e.g. AM241) | Activity (e.g. | 100) | Jnit (e.g. mCi) |
| 1 RA226 | 2.00000000 | r | mCi |
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06/17/2014

SECTION 3 - ADDITIONAL DEVICES SUBJECT TO REGISTRATION

SECTION 3

SECTION 3 - ADDITIONAL DEVICES SUBJECT TO REGISTRATION
PAGE 1 of 1
Provide information about other devices you have that are subject to registration. Do not report specifically licensed devices.

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Middle Initial:

Extension:

GL-710455-18 06/17/2014

First Name:

Title:

Telephone Number:

SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4
PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession. Transfer Date: Part 1 NRC Device Key: 08 5 (from Section 2 or 6) MM DD Location of the Device: O Transferred to another general licensee (complete Parts 2 and 3 O Whereabouts Unknown (complete Part 1 only) O Never Possessed the Device (complete Part 1 only) @ Transferred to a Specific Licensee (Not the manufacturer) (complete Part 2) O Returned to Manufacturer (complete Part 1 only) Part 2 License Number of Recipient (if transferred to a specific licensee): 3 0 Company Name: F Department: Address Line 1: 41 Address Line 2: City: 0 State: Zip Code: 4 Part 3 Enter the name of the individual responsible for this device: Last Name:





Title:

SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4
PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession. Transfer Date: NRC Device Key: 8 08 (from Section 2 or 6) DD MM Location of the Device: O Transferred to another general licensee (complete Parts 2 and 3 Whereabouts Unknown (complete Part 1 only) O Never Possessed the Device (complete Part 1 only) @ Transferred to a Specific Licensee (Not the manufacturer) (complete Part 2) O Returned to Manufacturer (complete Part 1 only) Part 2 License Number of Recipient (if transferred to a specific licensee): 4 Company Name: Department: Address Line 1: 4 Address Line 2: City: State: Zip Code: 4 Enter the name of the individual responsible for this device: Part 3 Last Name: First Name: Middle Initial: Extension: Telephone Number:





SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4 PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

| Part 1 | | | Transfer Date: | | |
|---|-------------------|-------------------|---------------------|---|------------------|
| NRC Device Key: | 4915 | 7 | | |] |
| (from Section 2 or 6) | | | MM DE | YYYY | J |
| Location of the Device: | | | | | |
| O Whereabouts Unki | | - | | other general licensee (Specific Licensee (Not th | • |
| Ø Never PossessedO Returned to Manuf | | | (complete Part 2) | | ie manulaciurer) |
| Part 2 License Number | | | | | |
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| C | | | | | |
| Company Name: | | | | | _ |
| | | | | | |
| Department: | | | | | |
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| Address Line 1: | | | | | |
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| Address Line 2: | | | | | |
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| City: | | | | | |
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| State: Z | lip Code: | | - | | |
| Part 3 Enter th | e name of the ind | ividual responsib | le for this device: | : | |
| Last Name: | | | | | |
| | | | | | |
| First Name: | | | | Middle In | itial: |
| | | | | | |
| Telephone Number: | | | | Extension: | |
| Title: | | | | LL. | |
| | | | | | |
| | | | | | |

Noble Americas South Bend Ethanol LLC ("Noble") is not in possession of the device having NRC Device Key 49153. Noble purchased the ethanol production facility located at 3201 West Calvert, South Bend, IN 46680 from a bankruptcy liquidator and the device was not present on the site when Noble took possession. Noble currently employs some workers who were employed by the previous owner, but they have no recollection of the device either.





SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4 PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

| Part 1 | | | | | | | T | ransi | er D | ate: | | | | | | | | | | |
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| NRC Device Key: | | 2 | 30 | 12 | | | Г | 12 0 | 0 | 0 | 4 | 1 [. | 2 | 0 | 710 | 1 | | | | |
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SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4 PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

| Part | 1 | | | | | | | | | | | | 7 | rans | fer D | ate: | | | | | | | | | | | |
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SECTION 5 - CERTIFICATION

SECTION 5 PAGE 1 of 1

I hereby certify that:

- A. All information contained in this registration is true and complete to the best of my knowledge and belief.
- B. A physical inventory of the devices subject to registration has been completed, and the device information on this form has been checked against the device labeling.
- C. I am aware of the requirements of the general license, provided in 10 CFR 31.5.(Copies of applicable regulations may be viewed at the NRC website at:

, http://www.nrc.gpvjreading-rm/doc-collections/cfr)

SIGNATURE - RESPONSIBLE INDIVIDUAL (Listed in Section 1)

DATE

WARNING: FALSE STATEMENTS MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL ASPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY WRONG STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER IN ITS JURISDICTION.





SECTION 6 - DEVICES NOT SUBJECT TO REGISTRATION

SECTION 6

PAGE 1 of 1

NRC Device Key:

Manufacturer License No:

Manufacturer Name:

Model Number:

Serial #:

Transfer Date:

| | quest For Shipment of Sealed Irce Details | W. 75 | Source 11 | Source | 12 | Source | Source 4 |
|-----|---|-------|--|------------------------|---------------|------------------------------------|------------------------|
| | Radionuclide | | Ra-226 | Ra-226 | 47 (42 | | |
| 2. | Total activity Specify Units (TBq or Ci) to right | | 2 mCi | 2 mCi | | | <u> </u> |
| 3. | Reference date for activity (date manufactured) mm/dd/yyyy | | | | | | |
| 4. | Decay corrected activity on shipment date | - | 2 mCl | 2 mCi | | | |
| 5. | Source manufacturer (if known) | | Stock Equipment Co. | Stock Equipment Co. | | | |
| 6, | Source Serial No. / Model No. / Device License No. | | D1440 S/N SE3160 | D1440 S/N SE3161 | | | |
| 7. | Physical Dimensions of Source Specify Units (cm or in) to right | | | | | | |
| 8. | Source mounted in equipment? If yes, attach drawings / photograph or manufacturer & model no. | | Yes | Yes | | | |
| 9. | Date of most recent leak test (attach copy of results) mm/dd/yyyy | | 7/16/2014 | 7/16/2014 | | | |
| 10. | Source damaged, discolored, leaking, or contaminated? If yes, attach detail | | No | No | | | |
| 11. | Does source have special form approval? If yes, supply copy of certificate | | No | No | | | |
| 12. | Shipper name & address | 13. | Shipper contact person | Janet Baker | 14. | Delivering carrier | SJ Transportation Co., |
| | Chase Environmental Group | | Telephone | 865-250-4593 | } | | mg, |
| | 109 Filmt Road Oak Ridge, TN 37830 | 15. | Shipment Date mm/dd/yyyy | 06/04/2014 | 16. | Estimated delivery date mm/dd/yyyy | 08/26/2014 |
| 17. | Source owner company name and address (at source location) | 18. | Contact person (at source location) | Donald Stiger | 19. | Number of packages | 1 |
| | Noble Americas South Bend Ethanol | | | 574-703-3374 | | Total weight lbs | |
| | 3201 West Calvert St. South Bend, IN 46613 | Con | nments | | | | |
| 20. | I attest that the above is complet | e an | d accurate | | | | |
| | Janet Bake | r | | Canet & | Bal | ker | 7-15-14 |
| | Printed name of Shipper or | Sou | rce Owner | Signature of Shi | pper | or Source Owner | Date |
| | Canet Baker Chase approval signature | | 7-15-14 Date | Alaron ap | prova | l signature | Date |



ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL

August 19, 2014

Donald Stiger Nobel Americas South Bend Ethanol 3201 West Calvert Street South Bend, IN 46613

RMA Number 32612

Attention Donald Stiger:

This is to certify that Thermo Fisher Scientific has received and accepted ownership of the radioactive material described below pursuant to applicable regulations and as authorized by our Texas Radioactive Material License L03524.

| Manufacturer | Model | Serial | ksotope | Source | Activity Units | Assay |
|---------------------|-------|--------|---------|---------|----------------|----------|
| TN TECHNOLOGIES | 5202 | B31 | Cs-137 | MB-3755 | 200 mCi | 9/6/1983 |
| TN TECHNOLOGIES | 5202 | B32 | Cs-137 | MB-3770 | 200 mCi | 9/6/1983 |
| Summary (2 sources) | | | | | 400 mCi | |

This receipt should be retained in your files as a permanent record showing the disposition of this radioactive material. If you are not the Radiation Safety Officer or responsible for maintaining regulatory records for radioactive material, please forward this letter to the appropriate person.

If you have any questions or require additional assistance, please contact us at (800) 437-7979 or (713) 272-2204

Sincerely,

Thermo Fisher Scientific

Danny Vicente

Nuclear Services Specialist