

04/12 '01 09:01 NO.411 02/08

| NRC FORM 241<br>(7-1979)   |  | U.S. NUCLEAR REGULATORY COMMISSION     |  | APPROVED BY OMB, NO. 3140-0013<br>Estimated burden per response to comply with this mandatory collection request, 15 minutes. This collection is required so that NRC may schedule inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimate to the Records Management Branch (T-8 EB), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to 181@nrc.gov. NRC-12202, (9150-0013), Office of Management and Regulatory Affairs, Washington, DC 20503. If a fee is 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. |  |
|--|--|--|--|--|--|
| <b>REPORT OF PROPOSED ACTIVITIES IN<br/>NON-AGREEMENT STATES, AREAS OF EXCLUSIVE<br/>FEDERAL JURISDICTION, OR OFFSHORE WATERS</b><br>(Please read the instructions before completing this form)  |  |  |  | EXPIRES: 07/31/2002  |  |
| 1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below)   |  |  |  | 2. TYPE OF REPORT<br><input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION  |  |
| TECHNICAL WELDING INSPECTION, INC.<br>P.O. BOX 1115<br>Paducah, KY 42002   |  |  |  | 3. LICENSEE CONTACT AND TITLE<br>STANLEY BUSHKILL RSO<br>SCOTT Smith ARSO  |  |
| 4. ADDRESS OF LICENSEE (Warning: address of other location where license may be needed)  |  |  |  | 5. TELEPHONE NUMBER<br>(Include Area Code)<br>(270) 443-3475   |  |
|  |  |  |  | 6. FACSIMILE NUMBER<br>(Include Area Code)<br>(270) 443-8406   |  |
| 7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20<br><input type="checkbox"/> WELL LOGGING <input type="checkbox"/> LEAK TESTING AND/OR CALIBRATIONS <input type="checkbox"/> TELETHERAPY/IRRADIATOR SERVICE<br><input type="checkbox"/> PORTABLE GAUGES <input type="checkbox"/> OTHER (Specify) <input checked="" type="checkbox"/> RADIOGRAPHY<br>REGISTERED AS USER OF PACKAGING (CERTIFICATE OF COMPLIANCE NUMBER)<br>USA 1942379 (U) - 85 RUC - MODEL DP-66C CERT # 9283  |  |  |  |  |  |
| 8. CLIENT NAME, ADDRESS, CITY, COUNTY, STATE, ZIP CODE<br>FRU-CON CONSTRUCTION Corporation<br>Trailer City, Lot #3<br>14194 STATE HWY. 177<br>Jackson, Mo. 63755<br>@ Proctor & Gamble Site  |  |  |  | 9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION<br>(Street and Number or other location. Give as complete an address as possible.)<br>Proctor & Gamble Plant Site<br>Jackson, Mo   |  |
|  |  |  |  | 10. CLIENT TELEPHONE NUMBER<br>(Include Area Code)<br>(573) 335-4753   |  |
|  |  |  |  | 11. WORK LOCATION TELEPHONE NUMBER<br>(Include Area Code)<br>(573) 335-4753  |  |
| 12. DATES SCHEDULED<br>FROM 4/12/01 TO 4/17/01   |  | 13. NUMBER OF<br>WORK DAYS<br>1        |  | 14. ADD<br>15. DELETE<br>16. LOCATION<br>REFERENCE NUMBER<br>NUMBER TO BE<br>ASSIGNED BY NRC<br>000758   |  |
| 17. LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 8-16 ABOVE.<br>17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE PACKAGED, USED, INSTALLED, SERVICED, OR TESTED<br>(Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)<br>GEO B CAMERA (Durashield)<br>LOADED WITH IR-192 2775 GBq (75 CURIES)   |  |  |  |  |  |
| 18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT<br>ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9<br>ABOVE (Four copies of the specific license must accompany the initial NRC Form 241.)  |  |  |  | LICENSE NUMBER AM-49<br>201-324-05   |  |
|  |  |  |  | STATE<br>KY  |  |
|  |  |  |  | EXPIRATION DATE<br>11-30-2001  |  |
| 19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)<br>I, THE UNDERSIGNED, HEREBY CERTIFY THAT:<br>a. All information in this report is true and complete.<br>b. I have read and understand the provision of the general license, 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-agreement states or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.<br>c. I understand that activities, including storage, conducted in non-agreement states under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.<br>d. I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-agreement states or offshore waters.<br>e. I understand that conduct of any activities not described above, including conduct of activities at sites or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties. |  |  |  |  |  |
| CERTIFYING OFFICER: ASO or Management Representative (Name and Title)<br>Stanley Bushkill RSO C.S.S.   |  |  |  | DATE<br>4/13/01  |  |
| WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 makes it a criminal offense to make a willfully false statement or representation to any agency of the United States as to any matter within its jurisdiction.  |  |  |  |  |  |
| FOR NRC<br>USE ONLY  |  | Janice H. Kirby<br>Licensing Assistant |  | SIGNATURE<br>Janice H. Kirby DATE<br>4/13/01 TOTAL USAGE - DAYS TO DATE  |  |



1231 South 3rd Street  
P.O. Box 1115  
Paducah, Kentucky 42002-1115  
(270) 443-3875  
Fax: (270) 443-8406

Nondestructive Testing  
Radiography - Ultrasonics  
ASME - AWS - ANSI & API  
Code Welding Inspection

## facsimile transmittal

JANICE H. KIRBY

To: UNITED STATES NUCLEAR REGULATORY COMMISSION REGION II

From: TECHNICAL WELDING INSPECTION Date: 4/13/01

Re: RECIPROSECITY

Pages: *cover plus 7*

CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Notes:

PLEASE FIND OUR REQUEST FOR RECIPROSECITY

COPY OF CHECK

KENTUCKY LICENSE

NRC FORM 241

ATTACHMENT SHEET FOR ITEM 8 AND 9 FOR POSSIBLE FURTURE WORK.....

THANKS

STANLEY BUSHKILL RSO

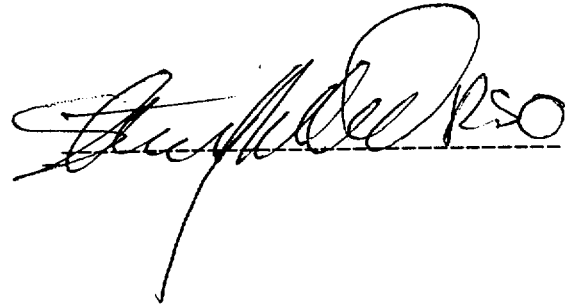
*4/13/01*

ATTACHMENT TO ITEM # 8 AND # 9

FUTURE WORK MAY BE PERFORMED WITHIN THE 180 DAY CALENDAR YEAR AT THE FOLLOWING CLIENTS.

SEMO, CAPE GIRARDEAU, MO.  
SIKESTON POWER, SIKESTON, MO.  
BUCKMAN LABORATORIES, FESTUS, MO.  
HERCULES, HANIBAL, MO.  
AFP, NEW MADRID, MO.  
SOLQUTIA, ST. LOUIS, MO.

DATES ARE NOT KNOWN AT THIS TIME.....



CABINET FOR HEALTH SERVICES  
COMMONWEALTH OF KENTUCKY  
RADIOACTIVE MATERIAL LICENSE

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1. LICENSEE AND 2. ADDRESS

TECHNICAL WELDING INSP. INC.  
1231 S 3RD ST  
P O BOX 1115  
PADUCAH, KY 42002-1115

ATTENTION: STANLEY BUSHKILL, RSO  
TELEPHONE: 270-443-3675

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PURSUANT TO KRS 211.842 ET SEQ., THE KENTUCKY CABINET FOR HUMAN  
RESOURCES REGULATIONS, 902 KAR 100, AND IN RELIANCE ON STATEMENTS  
AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE, A LICENSE IS  
HEREBY ISSUED TO RECEIVE, ACQUIRE, OWN, POSSESS AND TRANSFER  
RADIOACTIVE MATERIAL LISTED BELOW; AND TO USE SUCH RADIOACTIVE  
MATERIAL FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW.  
THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND  
ORDERS OF THE CABINET FOR HUMAN RESOURCES, NOW OR HEREINAFTER IN  
EFFECT AND TO ANY CONDITIONS SPECIFIED BELOW.  
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3. LICENSE NUMBER: 201-324-05  
AMENDMENT NO. 49  
4. EXPIRATION DATE: NOVEMBER 30, 2001  
5. REVIEWER: 25  
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| 6. LICENSED MATERIAL | 7. FORM   | 8. POSSESSION LIMIT                         |
|----------------------|---|---|
| A. IRIDIUM 192       | A. SEALED SOURCE<br>(AMERSHAM A-424-9,<br>SPEC MODEL T-5,<br>CIS-US, INC.<br>MODEL 702) | A. NO SINGLE SOURCE TO<br>EXCEED 100 CURIES |
| B. IRIDIUM 192       | B. SEALED SOURCE<br>(INDUSTRIAL<br>NUCLEAR MODEL 32,<br>SPEC MODELS G40<br>AND G40-T)   | B. NO SINGLE SOURCE TO<br>EXCEED 100 CURIES |

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C. COBALT 60

C. SEALED SOURCE  
(AMERSHAM MODEL  
A-424-14)

C. NO SINGLE SOURCE TO  
EXCEED 100 CURIES

9. AUTHORIZED USE

- A. FOR USE IN AMERSHAM MODEL 660B EXPOSURE DEVICE FOR INDUSTRIAL RADIOGRAPHY. AMERSHAM MODEL A-424-9 FOR SOURCE STORAGE AND EXCHANGE IN AMERSHAM 650L SOURCE CHANGER. SPEC MODEL T-5 FOR SOURCE STORAGE AND EXCHANGE IN SPEC C-1 SOURCE CHANGER. CIS-US, INC. MODEL 702 FOR SOURCE STORAGE AND EXCHANGE IN INDUSTRIAL NUCLEAR MODEL IR-50 SOURCE CHANGER.
- B. FOR USE IN INDUSTRIAL NUCLEAR MODEL IR-100 EXPOSURE DEVICE FOR INDUSTRIAL RADIOGRAPHY. INDUSTRIAL NUCLEAR MODEL 32 FOR SOURCE STORAGE AND EXCHANGE IN INDUSTRIAL NUCLEAR IR-50 SOURCE CHANGER. SPEC MODELS G40 AND G40-T FOR SOURCE STORAGE AND EXCHANGE IN SPEC C-1 SOURCE CHANGER.
- C. FOR USE IN AMERSHAM MODEL 680 EXPOSURE DEVICE FOR INDUSTRIAL RADIOGRAPHY AND SOURCE STORAGE AND EXCHANGE IN AMERSHAM 771 SOURCE CHANGER.

CONDITIONS:

10. THE LICENSEE SHALL COMPLY WITH THE PROVISIONS OF THE KENTUCKY CABINET FOR HUMAN RESOURCES ADMINISTRATIVE RADIATION REGULATIONS, 902 KAR 100.
11. RADIOACTIVE MATERIAL MAY BE STORED AT:  
THE LICENSEE'S FACILITY LOCATED AT THE ADDRESS SPECIFIED IN ITEM 2.

RADIOACTIVE MATERIAL MAY BE USED AT TEMPORARY JOB SITES, IN AREAS NOT UNDER EXCLUSIVE FEDERAL JURISDICTION, ANYWHERE IN THE COMMONWEALTH OF KENTUCKY WHERE THE CABINET MAINTAINS JURISDICTION FOR REGULATING THE USE OF RADIOACTIVE MATERIAL. (THIS CONDITION DOES NOT PROHIBIT USE IN OTHER STATES UNDER RECIPROCITY PRIVILEGES WHICH MAY BE GRANTED BY THE REGULATORY AGENCY HAVING JURISDICTION.)

CABINET FOR HEALTH SERVICES  
COMMONWEALTH OF KENTUCKY  
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-324-05

AMENDMENT 49

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12. ONLY THOSE INDIVIDUALS WHO HAVE BEEN TRAINED IN ACCORDANCE WITH THE LICENSEE'S TRAINING PROGRAM AS DESCRIBED IN THE RADIATION SAFETY MANUAL FILED MAY 17, 1996, AND DESIGNATED BY THE RADIATION SAFETY OFFICER SHALL ACT AS RADIOGRAPHERS OR RADIOGRAPHERS' ASSISTANTS.
  13. THE LICENSEE SHALL MAINTAIN RECORDS OF INDIVIDUALS DESIGNATED AS RADIOGRAPHERS OR RADIOGRAPHERS' ASSISTANTS BY THE RADIATION SAFETY OFFICER, AND THEIR TRAINING FOR FIVE (5) YEARS FOLLOWING THE LAST USE OF RADIOACTIVE MATERIAL BY THE INDIVIDUAL. THIS TRAINING PROGRAM IS APPLICABLE ONLY TO INDIVIDUALS WHO SHALL USE LICENSED MATERIAL UNDER THE AUTHORITY OF THIS LICENSE.
  14. THE RADIATION SAFETY OFFICER FOR THE ACTIVITIES AUTHORIZED BY THIS LICENSE IS STANLEY BUSHKILL .
  15. SEALED SOURCES CONTAINING RADIOACTIVE MATERIAL SHALL NOT BE OPENED.
  16. NOTWITHSTANDING THE REQUIREMENTS OF 902 KAR 100:100, SECTION 1 (1), AND PURSUANT TO 902 KAR 100:015, SECTION 7(1), RADIOGRAPHIC EQUIPMENT AUTHORIZED FOR USE IN RADIOGRAPHIC OPERATIONS UNDER THIS LICENSE NEED NOT COMPLY WITH THE TORQUE CRITERIA OF SECTION 6.3.3.1. OF AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) N43.9 - 1991.
  17. THE LICENSEE IS AUTHORIZED TO RECEIVE, POSSESS, AND USE SEALED SOURCES OF IRIIDIUM-192 OR COBALT-60 WHERE THE RADIOACTIVITY EXCEEDS THE MAXIMUM AMOUNT OF RADIOACTIVITY SPECIFIED IN ITEM 8 OF THIS LICENSE PROVIDED:
    - A. SUCH POSSESSION DOES NOT EXCEED THE QUANTITY PER SOURCE SPECIFIED IN ITEM 8 BY MORE THAN 20% FOR IRIIDIUM-192 OR OR 10% FOR COBALT-60.
    - B. RECORDS OF THE LICENSEE SHOW THAT NO MORE THAN THE MAXIMUM AMOUNT OF RADIOACTIVITY PER SOURCE SPECIFIED IN ITEM 8 OF THE LICENSE WAS ORDERED FROM THE SUPPLIER OR TRANSFEROR OF THE RADIOACTIVE MATERIAL; AND
    - C. THE LEVELS OF RADIATION FOR RADIOGRAPHIC EXPOSURE DEVICES AND STORAGE CONTAINERS DO NOT EXCEED THOSE SPECIFIED IN IN 902 KAR 100:100, SECTION 2.

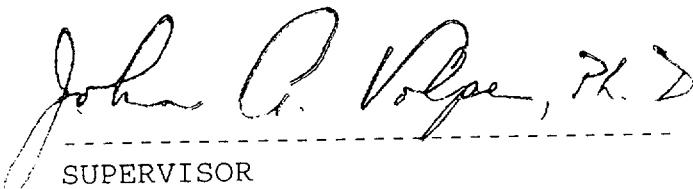
CABINET FOR HEALTH SERVICES  
COMMONWEALTH OF KENTUCKY  
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18. PURSUANT TO 902 KAR 100, THE LICENSEE IS AUTHORIZED TO RECEIVE TITLE TO, POSSESS, USE, AND TRANSFER UP TO 999 KILOGRAMS OF URANIUM CONTAINED AS SHIELDING MATERIAL IN THE RADIOGRAPHY EXPOSURE DEVICES AND SOURCE CHANGERS AUTHORIZED BY THIS LICENSE.
19. THE LICENSEE MAY TRANSPORT RADIOACTIVE MATERIAL, OR DELIVER RADIOACTIVE MATERIAL TO A CARRIER FOR TRANSPORT, IN ACCORDANCE WITH THE PROVISIONS OF 902 KAR 100:070, AND OTHER DEPARTMENTS OF THE COMMONWEALTH OF KENTUCKY HAVING JURISDICTION.
20. EXCEPT AS SPECIFICALLY PROVIDED OTHERWISE IN 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 CABINET FOR HUMAN RESOURCES REGULATIONS, 902 KAR 100, SHALL GOVERN UNLESS STATEMENTS, REPRESENTATIONS, AND PROCEDURES IN THE LICENSEE'S APPLICATION AND CORRESPONDENCE ARE MORE RESTRICTIVE THAN THE REGULATION.
- A. APPLICATION DATED MAY 17, 1996, SIGNED BY STANLEY BUSHKILL, RSO.
- B. LETTERS DATED:
1. OCTOBER 21, 1996, SIGNED BY STANLEY BUSHKILL, RSO.
  2. JUNE 26, 1997, SIGNED BY STANLEY BUSHKILL, RADIATION SAFETY OFFICER.
  3. DECEMBER 23, 1998, SIGNED BY STANLEY BUSHKILL, RSO.



SUPERVISOR  
RADIATION HEALTH & TOXIC  
AGENTS BRANCH

JIMMY D. HELTON

SECRETARY  
CABINET FOR HEALTH SERVICES

DATE ISSUED NOVEMBER 2, 2000

REGION II  
Calendar Year 2001

TRANSMITTAL FOR NRC FORM 241 & REVISION SUBMITTALS

4/23/01

[ ☒ ] INITIAL 241 PACKAGE LRN 000758  
[ ☐ ] REVISION LRN \_\_\_\_\_  
[ ☐ ] CLARIFICATION LRN \_\_\_\_\_

LICENSEE NAME : Technical Welding Inspection, Inc  
LICENSE STATE : Ky NUMBER : 201-324-05  
CHECK NO: 1926  
CHECK AMOUNT: \$ 1200.00  
FORWARDED BY: [Signature]

|                    | Initial                             | Revision                 | Clarification            |
|--------------------|-------------------------------------|--------------------------|--------------------------|
| includes: Form 241 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Fee                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                          |
| License Copy       | <input checked="" type="checkbox"/> |                          |                          |

LICENSE FEE & ACCOUNT RECEIVABLE BRANCH

1. Fee Category and Amount: \_\_\_\_\_
2. Correct Fee Paid. Submittal may be processed for:

General License \_\_\_\_\_

Revision \_\_\_\_\_

Signed \_\_\_\_\_ Date \_\_\_\_\_