

# REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES

(Please read the instructions on the cover sheet before completing this form.)

Estimated burden per response to comply with this mandatory information collection request: 16 minutes. This notification 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. Forward comments regarding burden estimate to the Information and Records Management Branch (T-6 F33) U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001 and to the Paperwork Reduction Project (3150-0013) Office of Management and Budget, Washington, DC 20503. NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below)		2. TYPE OF REPORT		3. CONTROL NUMBER (Leave Blank - Number to be assigned by NRC)	
BIX Testing Laboratories		X INITIAL REVISION CLARIFICATION			
4. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)		5. LICENSEE CONTACT		IN 2 A 199	
324 South Airhart Baytown, Texas 77520		Jeffrey D. James			
		6. TELEPHONE NUMBER (Include Area Code)		7. FACSIMILE NUMBER (Include Area Code)	
		281-422-3656		281-427-1525	

## 8. ACTIVITIES TO BE CONDUCTED IN NON-AGREEMENT STATES UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING	LEAK TESTING AND/OR CALIBRATIONS	TELETHERAPY/RADIATOR SERVICE
PORTABLE GAUGES	OTHER (Specify)	
X RADIOGRAPHY →	TRANSPORTATION QA PROGRAM APPROVAL NO. & REV. NO. 0741 Rev. 0	REGISTERED AS USER OF PACKAGINGS (CERTIFICATES OF COMPLIANCE NOS.) (9033) (20-06-12-00-00)

9. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE		10. WORK LOCATION ADDRESS (Street and Number or other location. Give as complete an address or directions as possible.)	
XEROX Corporation P.O. Box 26588 100 Mustang Road Oklahoma City, OK. 73126		XEROX Corporation 100 Mustang Road Oklahoma City, OK. 73126	

11. CLIENT TELEPHONE NUMBER (Include Area Code)	12. WORK LOCATION TECHNICIAN AUTHORIZED TO PERFORM WORK	13. WORK LOCATION TELEPHONE NUMBER (Include Area Code)
(405) 324-3800	Dick McQueen (XC) Jim Landers (BIX)	405-324-3868
14. DATES SCHEDULED		15. NUMBER OF WORK DAYS
FROM TO		16. LOCATION REFERENCE NUMBER
July 4, 1999 July 10, 1999		LEAVE BLANK FOR INITIAL NRC FORM 241 REQUESTS NUMBER TO BE ASSIGNED BY NRC
9907120066 990615 PDR STPRG ESGTX PDR		000981

LIST ADDITIONAL WORK SITES ON SEPARATE SHEET TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED IN NON-AGREEMENT STATES (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)		
Device Model 660B Amersham Sealed Source Model A-424-9 20-100 Curies Each Ir-192		

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 8 ABOVE (Four copies of the specific license must accompany the initial NRC Form 241)			
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LICENSE NUMBER	STATE	EXPIRATION DATE	TOTAL USAGE DAYS TO DATE
L02143	Texas	December 31, 2004	None

## 19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:	
a. All information in this report is true and complete.	
b. I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the cover sheet of this form set; 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.	
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.	
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. I am also aware that I will be responsible for any fees associated with such inspections.	
e. I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.	

CERTIFYING OFFICER - RSO or Management Representative (Typed/Printed Name and Title)	SIGNATURE	DATE
Jeffrey D. James Radiation Safety Officer		June 15, 1999

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 DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

FOR NRC USE ONLY	AUTHORIZING OFFICIAL (Typed/Printed Name and Title)	SIGNATURE	DATE
	M. C. Hernandez Radiation Specialist		6/24/99



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

July 2, 1999

MEMORANDUM Rita Messier  
TO: License Fee and Accounts Receivable Branch (T9 E10)  
FROM: Christi Hernandez  
Nuclear Materials Licensing Branch, Region IV MCH  
SUBJECT: FEE TRANSMITTAL

A. Region IV

1. NRC FORM 241 ATTACHED

Applicant/Licensee: BIX Testing Laboratories, Inc.  
NRC Form 241 Dated: June 15, 1999  
Agreement State License: TX L02143  
Program Code(s): 03320

2. REVISION ATTACHED

Licensee:  
Agreement State License:

3. CLARIFICATION ATTACHED

Licensee:  
Agreement State License:

4. FEE ATTACHED

Amount: \$1100 Check: #023684

5. COMMENTS

Log	Sub 1 241
Remitter	
Check No.	023684 6/22/99
Amount	\$1100
Fee Category	Appl 16
Type of Fee	
Date Check Rec'd.	7/8/99
Date Completed	
By:	Yern

B. LICENSE FEE AND ACCOUNTS RECEIVABLE BRANCH

1. Fee Category and Amount: 16 \$1100
2. Correct Fee Paid. Submittal may be processed for:
- General License ☒
- Revision ☐

Signed

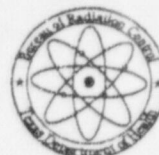
Rita Messier

Date

7/8/99





Texas Department of Health  
BUREAU OF RADIATION CONTROL**RADIOACTIVE MATERIAL LICENSE**

Pursuant to the Texas Radiation Control Act and Texas Health Department regulations on radiation, 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 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 Texas Department of Health (Agency) now or hereafter in effect and to any conditions specified below.

**LICENSEE**

1. Name **BIX TESTING LABORATORIES INC**  
**ATTN JEFFREY D JAMES**  
2. Address **324 SOUTH AIRHART DRIVE**  
**BAYTOWN TX 77520**

This license is issued in response to letters

Dated: April 26, and May 17, 1999

Signed by: Jeffrey D. James

3. License Number

L02143

Amendment Number

93

**PREVIOUS AMENDMENTS ARE VOID**

4. Expiration Date

December 31, 2004

**RADIOACTIVE MATERIAL AUTHORIZED**

5. Radioisotope A. Ir-192	6. Form of Material A. Sealed source (A/S Models 89911, 89912; INC Model 22, SPEC Model G-1F)	7. Maximum Activity* A. No single source to exceed 100 Ci	8. Authorized Use A. Storage only in Gulf Nuclear (GN) Models 20V, 20VS; Gamma Industries (GI) Model Century exposure devices. Source storage and exchange in GN Model U-100; GI Model C-10; Amersham (A/S) Models 650L, 500-U; Industrial Nuclear Corp. (INC) Model IR-50; Source Production Equipment Co. (SPEC) Model C-1 source changers.
B. Ir-192	B. Sealed source (A/S Models 89911, 89912; SPEC Model G-1F; INC Models 22, 88)	B. 1 source not to exceed 200 Ci	B. Storage only in GN Model 40V exposure device. Source storage and exchange in GI Model C-10; SPEC Model C-1; INC Model IR-50 source changers.
C. Co-60	C. Sealed source (SPEC Model G-19F; A/S Models 89922 or A-7-A)	C. 1 source not to exceed 50 Ci	C. Storage only in GI Model Gammatron 50A exposure device.
D. Cs-137	D. Sealed source (A/S Model 77302)	D. 1 source not to exceed 150 mCi	D. Survey instrument calibration, pocket dosimeter checks and alarming ratemeter calibration using A/S Model 773 calibration device.
E. Co-60	E. Sealed source (SPEC Model G-13F; A/S Model A-5-A)	E. No single source to exceed 100 Ci	E. Storage only in GI Model Gammatron 100 exposure devices.
F. Cs-137	F. Sealed source [GI Model VD (HP)]	F. No single source to exceed 225 mCi	F. Equipment inspection using GI Model Master-Minder II devices.

\* Ci-Curies mCi-Millicuries  $\mu$ Ci-Microcuries

Texas Department of Health  
BUREAU OF RADIATION CONTROL

## RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER	AMENDMENT NUMBER
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5. Radioisotope (continued)	6. Form of Material (continued)	7. Maximum Activity* (continued)	8. Authorized Use (continued)
G. Ir-192	G. Sealed source (A/S Model A424-9; INC Model 7; SPEC Model T-5F)	G. No single source to exceed 100 Ci	G. Industrial radiography in A/S Model 660 System exposure devices. Source storage and exchange in A/S Model 650L, 500-U; INC Model IR-50; SPEC Model C-1 source changers.
H. Cs-137	H. Sealed source [GI Model VD (HP)]	H. No single source to exceed 100 mCi	H. Location of plugs in pipes and vessel level determination using GI Model Tattle- Tale I devices.
I. Yb-169	I. Sealed source (A/S Model 918)	I. No single source to exceed 7 Ci	I. Industrial radiography in A/S Model 660 System exposure devices. Source storage and exchange in A/S Models 650L, 820, 855 source changers.
J. Ir-192	J. Sealed source (INC Model 32; A/S Model 89916; SPEC Model G-40F)	J. No single source to exceed 100 Ci	J. Industrial radiography in INC Model IR-100 exposure devices. Source storage and exchange in INC Model IR-50; SPEC Model C-1; A/S Model 500-U source changers.
K. I-192	K. Sealed source (INC Model 88)	K. No single source to exceed 100 Ci	K. Storage only in GN Model 20VS exposure device with extended lockbox. Source storage and exchange in INC Model IR-50; A/S Model 500-U source changers.
L. Ir-192	L. Sealed source (A/S Model 89911; INC Model 22; SPEC Model T-5)	L. No single source to exceed 100 Ci	L. Storage only in SPEC Model 2T exposure devices. Source storage and exchange in GN Model U-110; GI Model C-10; INC Model IR-50; SPEC Model C-1 source changers.
M. Ir-192	M. Sealed source (A/S Model A424-9; SPEC Model T-5)	M. No single source to exceed 100 Ci	M. Industrial radiography in A/S Model 660A, 660AE exposure devices. Source storage and exchange in A/S Model 650L; SPEC Model C-1; INC Model IR-50 source changers.
N. Ir-192	N. Sealed source (A/S Model A424-9; SPEC Model T-5)	N. No single source to exceed 140 Ci	N. Industrial radiography in A/S Model 660B and 660BE exposure devices. Source storage and exchange in A/S Model 650L; SPEC Model C-1; INC Model IR-50 source changers.



Texas Department of Health  
BUREAU OF RADIATION CONTROL

## RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER	AMENDMENT NUMBER
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5. Radioisotope (continued)	6. Form of Material (continued)	7. Maximum Activity* (continued)	8. Authorized Use (continued)
O. Ir-192	O. Sealed source (SPEC Model G-60)	O. No single source to exceed 150 Ci	O. Industrial radiography in SPEC Model 150 exposure device. Source storage and exchange in SPEC Model C-1 source changers.
P. Co-60	P. Sealed source (A/S Model A424- 18)	P. No single source to exceed 33 Ci	P. Industrial radiography in A/S Model 741B exposure device. Source storage and exchange in A/S Model 771 source changers.
Q. Co-60	Q. Sealed source (A/S Model A424-14)	Q. No single source to exceed 100 Ci	Q. Industrial radiography in A/S Model 680B exposure device. Source storage and exchange in A/S Model 771 source changers.
R. Ir-192	R. Sealed source (A/S Model A424-9; INC Model 7; SPEC Model T-5F)	R. No single source to exceed 100 Ci	R. Storage only in A/S Model 660 exposure devices. Source storage and exchange in A/S Models 650L, 500-U; INC Model IR-50; SPEC Model C-1 source changers.
S. Gd-153	S. Sealed source (A/S Model GDC.CY1 (Capsule X2093))	S. 1 source of 1 Ci	S. Industrial fluoroscopy using Lixi Model LS-80X or LS-82X portable fluoroscope.

9. Radioactive material shall only be stored and used at:

Site Number	Site Location
000	Baytown - 324 South Airhart
008	Texas City - 111 35th Street South

10. The authorized place of use is at temporary sites, in areas not under exclusive Federal jurisdiction, throughout Texas.

11. Each site shall maintain documents and records pertinent to the operations at that site. Copies of all documents and records required by this license shall be maintained for Agency review at Site 000.

12. The licensee shall comply with the provisions (as amended) of Title 25 Texas Administrative Code (TAC) §289.201, §289.202, §289.203, §289.204, **§289.205**, §289.251, §289.252, **§289.255** and §289.257.



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## RADIOACTIVE MATERIAL LICENSE

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13. The individual designated to perform the functions of Radiation Safety Officer (RSO) for activities covered by this license is **Jeffrey D. James**. The site RSO (SRSO) for site number 008 is Donald Baker.
14. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders.
15. The licensee is authorized to receive, possess and use sealed sources of Ir-192 and/or Co-60 where the radioactivity exceeds the maximum amount of radioactivity specified in Condition 7 of this license provided such possession does not exceed the quantity per source specified in Condition 7 by more than 20% for Ir-192 and/or 10% for Co-60.
16. On the job training for radiographer trainees shall be under the direct personal supervision of the following radiographer trainers:

Baker, Donald James  
Best, Ryan Scott  
Brymer, David L.  
Cagle, Steven Lawrence  
Carney, Robert D.  
Coleman, James E.  
Fowler, James K.  
Garrett, Matthew K.  
Inman, Tracy James

James, Jeffrey  
Kincaid, Thomas L.  
Landers, James E.  
Legnon, Joseph W.  
**Matthews, Rhonda Traci**  
Meadows, Marcus  
Mekalip, Ronald P.  
Mills, Timothy A.

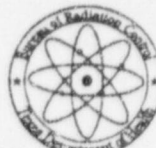
Prewitt, Brandon M.  
Rodriguez, Russell G.  
Rogers, Gregory Crawford  
**Schweinle, Eddie Hayden**  
Sheridan, Keaven  
Spain, Samuel A.  
Tims, Jr., Jessie L.  
Wiley, Gregg W.

17. Crank-out type exposure devices containing sealed sources of Ir-192 in excess of 120 Ci shall be used only in conjunction with collimators and with a drive cable at least 35 feet in length.
18. Crank-out type exposure devices containing sealed sources of Co-60 in excess of 50 Ci shall be used only in conjunction with collimators and drive cables at least 35 feet in length.
19. In accordance with correspondence and procedures dated October 1, 1996, the licensee is hereby authorized to perform radiation survey instrument calibration, alarming ratemeter calibration and pocket dosimeter response checks. The calibrations shall be performed only by Marcus D. Meadows, Nancy C. McDonald, Kenneth R. Joslyn, or Samuel A. Spain.
20. A. The licensee is authorized to conduct a radiation safety course for industrial radiographers in accordance with provisions of **25 TAC §289.255**. The individuals authorized to perform the above training are Marcus D. Meadows, Samuel A. Spain, Jeffrey James and/or John W. Huffman.  
B. After the completion of each course the licensee shall submit a written report to the Director, Division of Licensing, Registration and Standards, Bureau of Radiation Control, containing the following information:
  - 1) the name and company affiliation of each successful student,
  - 2) the final test score of each student, and
  - 3) the date of the final day of the course.

This report shall also include the licensee's radioactive material license number.



Texas Department of Health  
BUREAU OF RADIATION CONTROL



## RADIOACTIVE MATERIAL LICENSE

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21. In addition to the possession limits in Condition 7, the licensee shall further restrict the possession of licensed material to quantities below the limit specified in 25 TAC §289.252(u)(4)(C) [TRCR 41.200(d)] for establishing decommissioning financial assurance.
22. The licensee shall not use radioactive material in or on animals or human beings.
23. In accordance with **25 TAC §289.255 (v)(11)(B)**, the licensee is authorized to retrieve disconnected sources or sources that cannot be returned by normal means to a fully shielded position or properly secured. Source retrieval activities shall be performed under the direct supervision and in the physical presence of Samuel A. Spain.
24. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in the following:

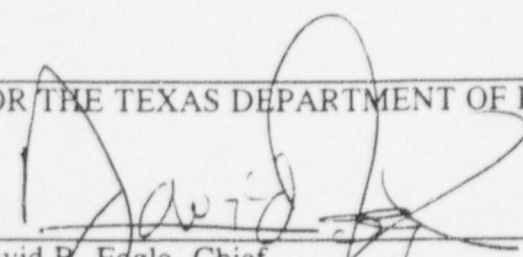
application dated November 14, 1996,  
letters dated October 7, 1997, October 17, 1997,  
Operating and Emergency Procedures for Industrial Radiography dated October 1, 1996,  
Procedure for Location of Plugs in Pipes and Vessel Level Determination dated January 22, 1988,  
Mandatory Appendix dated May 28, 1997, and  
Training Program submitted December 11, 1992.

Title 25 TAC §289 [The TRCR] shall prevail over statements contained in the above documents unless such statements are more restrictive than the regulations.

GH:if

Date May 21, 1999

FOR THE TEXAS DEPARTMENT OF HEALTH

  
David B. Fogle, Chief  
Industrial Licensing Branch



**FedEx** USA AirbillFedEx  
Tracking  
Number

801190690931

0200

Form  
I.D. No.

SLA11

Recipient's Copy

1 From Date 6-23-99

Sender's Name JEFFREY D. JAMES

Company BIX TESTING LABORATORIES

Address 324 S AIRHART DR

City BAYTOWN

State TX

ZIP REGION IV - NMLB

2 Your Internal Billing Reference Information

3 To Recipient's Name CHRISTI HERNANDEZ

Company U.S. NUCLEAR REGULATORY COMMISSION REGION IV

Address 611 RYAN PLAZA DRIVE Ste. 400

City ARLINGTON State TX ZIP 76011-8064

For HOLD at FedEx Location check here

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☐ FedEx Overnight Freight (Next business day)  
☐ FedEx 2Day Freight (Second business day)  
☐ FedEx Express Saver Freight (Up to 3 business days)

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☐ Dry Ice (Dry Ice is UN 1845 III; (Dangerous Goods Shipper's Declaration not required)) ☐ Yes (Shipper's Declaration not required)  
CA ☐ Cargo Aircraft Only7 Payment  
Bill to: ☒ Sender (Account no. in section 1 will be billed) ☐ Recipient (Enter FedEx account no. or Credit Card no. below) ☐ Third Party ☐ Credit Card ☐ Cash/CheckTotal Packages Total Weight Total Declared Value\* Total Charges  
\$ .00 \$

\*When declaring a value higher than \$100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

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Questions?

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