

NRC FORM 241 (7-1999)

U.S. NUCLEAR REGULATORY COMMISSION

# REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES

(Please read the instructions before completing this form)

APPROVED BY OMB: NO 3150-0013 EXPIRES: 07/31/2002  
Estimated burden per response to comply with this mandatory 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. Send comments regarding burden estimates to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjsl@nrc.gov and to the desk officer, 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.

1. NAMES OF LICENSEE (Person or firm proposing to conduct the activities described below)  
QUALITY ASSURANCE LABORATORIES

2. TYPE OF REPORT  
 INITIAL  REVISION  CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where license may be located)  
80 PLEASANT AVENUE  
SOUTH PORTLAND, MAINE 04106

4. LICENSEE CONTACT AND TITLE: Gary E. Parechian - VP

5. TELEPHONE NUMBER (including Area Code)  
207-799-8911

6. FACSIMILE NUMBER (including Area Code)  
207-799-7251

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

- WELL LOGGING
  - PORTABLE GAUGES
  - RADIOGRAPHY
  - LEAK TESTING AND/OR CALIBRATION
  - OTHER (Specify)
  - TELETHERAPY/IRRADIATOR SERVICE
- REGISTERED AS USER OF PACKAGINGS (CERTIFICATES OF COMPLIANCE NUMBERS) UN2974

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE  
Portland Pipe Line Corporation  
30 Hill Street  
South Portland, Maine 04116

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible)  
Tug Mountain, located near Lunenburg Vermont

10. CLIENT TELEPHONE NUMBER (Include Area Code)  
207-767-3231

11. WORK LOCATION TELEPHONE NUMBER (include area code)  
Cel#207-232-7084

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM 11/1/2002	TO 11/4/2002	4			NUMBER TO BE ASSIGNED BY NRC  001160

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

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)  
IR 192 source, 660 projector/camera (A4051), curies 42.2 - 41.1

18. AGREEMENT STATES SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 6. ABOVE. (Four copies of the specific license must accompany the initial IIRC Form 241.)	LICENSE NUMBER	STATE	EXPIRATION DATE
	ME-05139	MAINE	FEBRUARY 28, 2007

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 a 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 (Type/Print Name and Title) SIGNATURE DATE  
Gary E. Parechian-VP *Gary E. Parechian* 10/31/2002

WARNING: FALSE STATEMENTS IN THE CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATORY 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 (Type/Print Name and Title) SIGNATURE DATE  
John Mc... *John Mc...* 10/31/02

50 10/31/02

## STATE OF MAINE MATERIALS LICENSE

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**License No. 05139**  
**Amendment No. 3**

Pursuant to the Maine Radiation Statutes (22 MRSA 677) and Maine Department of Human Services regulations on radiation (10-144A CMR 220), 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 as designated 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 Maine Department of Human Services now or hereafter in effect and to any conditions specified below.

1. Name <p style="text-align: center;">Quality Assurance Laboratories, Inc.</p>	This license is issued in accordance with correspondence dated: <p style="text-align: center;">January 22, 2002</p>	
2. Address <p style="text-align: center;">80 Pleasant Avenue South Portland, Maine 04106</p>	3. License Number <p style="text-align: center;"><b>05139</b></p>	Amendment Number <p style="text-align: center;">3</p>
4. Expiration Date <p style="text-align: center;">February 28, 2007</p>		

5. Radionuclide	6. Form of Material	7. Maximum Activity
A. Iridium 192	A. Sealed sources specified in Condition 9.A.	A. As specified in Condition 9.A.
B. Cobalt 60	B. Sealed sources specified in Condition 9.B.	B. As specified in Condition 9.B.
C. Cesium 137	C. Sealed source (Amersham Model 77302)	C. 165 millicuries
D. Ytterbium 169	D. Sealed sources specified in Condition 9.C.	D. As specified in Condition 9.C.
E. Selenium 75	E. Sealed sources specified in Condition 9.C.	E. As specified in Condition 9.C.

8. Authorized use
- A. For use in industrial radiography and replacement of sources as specified in Condition 9.A.
  - B. For use in industrial radiography and replacement of sources as specified in Condition 9.B.
  - C. For use in Technical Operations Model 773 Calibrator for the calibration of survey detection equipment.
  - D. & E. For use in industrial radiography and replacement of sources as specified in Condition 9.C.

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**CONDITIONS**

9. A. Sealed Iridium-192 sources, exposure devices, and source changers authorized for use are as follows:

Isotope	Manufacturer & Model No. of Source Assemblies	Manufacturer & Model No. of Exposure Devices	Manufacturer & Model No. of Source Changers	Maximum Activity (Curies)
Iridium-192	Amersham	Amersham	Amersham	140 Ci each
	Model A-424-9	Model 660 series	Model 650L	700 Ci total
Iridium-192	RTS Model 702	Amersham	Amersham Model 650L	100 Ci each
		Model 660 series		600 Ci total

- B. Sealed Cobalt-60 sources, and exposure devices, authorized are as follows:

Isotope	Manufacturer & Model No. of Source Assemblies	Manufacturer & Model No. of Exposure Devices	Manufacturer & Model No. of Source Changers	Maximum Activity (Curies)
Cobalt-60	Amersham	Amersham Model 491	none	20 Ci each
	Model A-424-3	(Storage Only)		20 Ci total
Cobalt-60	Amersham Model A-424-14	Amersham Model 680 series	none	110 Ci each 110 Ci total

- C. Sealed Ytterbium-169 and Selenium-75 sources, and exposure devices, authorized are as follows:

Isotope	Manufacturer & Model No. of Source Assemblies	Manufacturer & Model No. of Exposure Devices	Manufacturer & Model No. of Source Changers	Maximum Activity (Curies)
Ytterbium-169	Amersham	Amersham Model 660 and 880 series	650L	20 Ci each
	Model 918			20 Ci total
Selenium-75	Amersham Model A-424-25W	Amersham Model 660 and 880 series	650L	80 Ci each 80 Ci total

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10. A. Licensed material may be used at 80 Pleasant Avenue, South Portland, Maine and at temporary job sites of the licensee, in areas not under exclusive Federal jurisdiction, throughout the State of Maine.

Before radioactive materials can be used at a temporary jobsite at any Federal facility, the jurisdictional status of the jobsite must be determined. If the jurisdictional status is not known, the Federal agency should be contacted to determine if the jobsite is under exclusive Federal jurisdiction. A response should be obtained in writing or a record should be made of the name and title of the person at the Federal agency who provided the determination and the date it was provided. Authorization for the use of radioactive materials at jobsites under Federal jurisdiction shall be obtained either by: (1) filing a NRC Form-241 in accordance with 10 CFR 150.20(b), "Recognition of Agreement State Licensees,"; or (2) by applying for a specific NRC license.

Before radioactive material can be used at a temporary jobsite in another State, authorization shall be obtained from the State if it is an Agreement State, or from the NRC for any non-Agreement State, either by filing for reciprocity or applying for a specific license.

11. A. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have been trained as specified in application dated January 22, 2002. The licensee shall maintain records of individuals designated as a radiographer or assistant radiographer.

B. The Radiation Safety Officer for this license is Gary E. Parechian.

12. A. Notwithstanding the periodic leak test required by Part E, such requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person.

B. Sealed sources authorized for a use other than radiography shall be tested as radiography sources in accordance with Part E.

13. The licensee is authorized to receive, possess, and use sealed sources as listed in Condition 5, where the radioactivity exceeds the maximum amount of radioactivity specified in this license provided:

A. Such possession does not exceed the quantity per source specified in Item 7 by more than 20% for iridium-192 or 10% for Cobalt-60;

B. Records of the licensee show that no more than the maximum amount of radioactivity per source specified in this license was ordered from the supplier or transferor of the byproduct material; and

C. The levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in Part E.

14. Pursuant to 10 CFR Part 40, "Domestic Licensing of Source Material," or Part E the licensee is authorized to possess, use, transfer, and import up to 999 kilograms of uranium contained as shielding material in the radiography exposure devices and source changers authorized by this license.

15. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, Part L of the State of Maine's Rules Relating to Radiation Protection, and the regulations of Federal and State Departments of Transportation.

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16. 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 Agency's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated January 22, 2002  
B. Letter received April 1, 2002

Date April 2, 2002

  
Shawn W. Seeley, Inspector  
Radiation Control Program  
Division of Health Engineering