

71-0694

# PIE, INC.

Pipeline Inspection, Engineering, Construction Management

P. O. Box 1013, Gaylord, Michigan 49735 (517) 732-2460

February 28, 1990

U. S. Nuclear Regulatory Commission  
Mail Stop 484  
Washington, D.C. 20555

ATTN: <sup>LETN</sup> Mr. ~~Lynn~~ Gordon

RE: Registration as a User  
10 CFR, Part 71

Dear Mr. Gordon:

Enclosed please find a copy of Pipeline Inspection & Engineering, Inc.'s Quality Assurance Program addressing the provisions of Subpart H of 10 CFR, Part 71. The registration fee of \$150.00 is also enclosed. <sup>APPLICATION</sup>

PIE, INC.  
650 Alpine Road  
P.O. Box 1013  
Gaylord, MI 49735

NRC Industrial Radiography License No. 21-26060-01

REQUESTED RAM PACKAGE APPROVAL

<u>CERTIFICATE NO.</u>	<u>MANUFACTURER</u>	<u>MODEL</u>	<u>DESCRIPTION</u>
9056	Source Produc. & Equip. Co.	SPEC-2T	Exposure Device
9036	Source Produc. & Equip. Co.	C-1	Source Changer
6717	Amersham Corporation	6717-B	Overpack
9007	Amersham Corporation	520	Exposure Device
9033	Amersham Corporation	660	Exposure Device
9032	Amersham Corporation	650	Source Changer
9006	Amersham Corporation	500-SU	Source Changer

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Ltr. Encl.

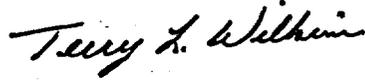
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Rec'd 3/6/90  
w/ck # 1337

NTD:

If you have any questions on this submittal, Mr. Gordon,  
please feel free to give us a call.

Sincerely,



Terry L. Wilkins  
Radiation Safety Officer

TLW/klj  
encl.

# PIE, INC.

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## ATTACHMENTS

Exhibit A - Organizational Chart

# PIE, INC.

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## 1.0 SCOPE

- 1.1 The provision of this QA Program address those requirements of Subpart H of 10 CFR Part 71. PIE, INC.'s program is specific to the use, transportation and shipment of Special Form Radioactive Sources, Exposure Devices and Source Changers identified on NRC License #21-26060-01.
- 1.2 Design and/or fabrication of Radioactive Material shipping packages shall not be conducted under this Quality Assurance Program.

## 2.0 ORGANIZATION

- 2.1 The requirements of this program shall be implemented, using the Organizational Structure detailed on the attached chart.

## 3.0 RESPONSIBILITIES

- 3.1 The Radiation Safety Officer shall be responsible for the administration of the program. This shall include training and certification of Company personnel, document control and implementation.
- 3.2 The Quality Assurance Manager shall be responsible for conducting audits of this program to ensure compliance with the program. The Quality Assurance Manager shall report to the President of the Company.

## 4.0 QUALITY ASSURANCE PROGRAM

- 4.1 The Radiation Safety Officer shall implement this Quality Assurance Program. Training for all QA functions, prior to engagement in these functions, is required according to written procedures. QA Program revisions will be made according to written procedures with management approval. The QA Program will ensure that all defined QC procedures and specific provisions of the package design approval are satisfied. The QA Program will emphasize control of the characteristics of the package which are critical to safety.

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4.2 The Radiation Safety Officer shall assure that all radioactive material shipping packages are designed and manufactured under a Quality Assurance Program approved by the Nuclear Regulatory Commission for all packages designed or fabricated after January 1, 1979. This requirement can be satisfied by receiving a certification to this effect from the manufacturer or supplier of the package.

## 5.0 DOCUMENT CONTROL

5.1 All documents related to a specific shipping package will be controlled through the use of written procedures. All document changes will be performed according to written procedures approved by management.

5.2 The Radiation Safety Officer shall ensure that all QA functions are conducted in accordance with latest applicable changes to these documents.

## 6.0 HANDLING STORAGE AND SHIPPING

6.1 Written safety procedures concerning the handling, storage and shipping of packages for certain Special Form Radioactive Material will be followed. Shipment will not be made unless all tests, certifications, acceptances and final inspections have been completed. Work instructions will be provided for handling, storage and shipping operations.

6.2 Radiography personnel shall perform the handling, storage and shipping operations.

## 7.0 INSPECTION, TEST AND OPERATING STATUS

7.1 Inspection, test and operating status of packages for certain Special Form Radioactive Material will be indicated and controlled by written procedures. Status will be indicated by tag, label, marking or log entry. Status of conforming packages will be maintained.

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7.2 Radiography personnel shall perform the regulatory required inspections and tests in accordance with written procedures. The Radiation Safety Officer shall ensure that these functions are performed.

## 8.0 QUALITY ASSURANCE RECORDS

8.1 Records of package approvals, inspections, tests, operating logs, audit results, personnel training and qualifications and records of shipments will be maintained. Descriptions of equipment and written procedures will also be maintained.

8.2 These records will be maintained in accordance with written procedures. The records will be identifiable and retrievable. A list of these records, with their storage locations, will be maintained by the Radiation Safety Officer.

## 9.0 AUDITS

9.1 Established schedules of audits of the Quality Assurance Program will be performed using written checklists. Results of audits will be maintained and reported to management. Audit reports will be evaluated and deficient areas corrected. The audits will be dependent on the safety significance of the activity being audited, but each activity will be audited at least once per year. Audit reports will be maintained as part of the Quality Assurance Records. Members of the audit team shall have no responsibility in the activity being audited.

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TITLE: QUALITY ASSURANCE PROGRAM (10CFR-71)

## CORPORATE STRUCTURE

