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1193R North Main Street
Randolph, MA 02368

BAKER TESTING SERVICES, INC.

NONDESTRUCTIVE EXAMINATION
METALLURGY AND FAILURE ANALYSIS

(617)986-4030

January 2, 1986

Mr. Charles E. MacDonald, Chief
Transportation Certification Branch
Division of Fuel Cycle and Material Safety, NMSS
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sirs:

In order to meet the requirements of 10 CFR Part 71.51 for transportation of radioactive materials we are enclosing our Quality Assurance Program and a copy of the Shipping Papers which will accompany such packages. This program is for transportation of radioactive materials to be used by us and returned by our own vehicle.

Very truly yours,

Kenneth F. Baker
Kenneth F. Baker

KFB/ndb
Enc.

Jan 86-1
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Renewed
2/3/86
Received By: J. Chubb



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FCTC ✓ OTHER _____

DESCRIPTION:

Submits the
enclosed Quality
Assurance Program

01/09/86 INITIAL CEC

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ROCFR71 QA PROGRAM
FOR BAKER TESTING SERVICES INC.

~~800707133~~ 8pp

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DELIVERY RECEIPT**DELIVERY RECEIPT**

FROM

BAKER TESTING SERVICES INC.**1193R North Main Street****Randolph, MA 02368****(617) 986-4030**VIA Radioactive Material Special Form n.o.s.

DATE

YOUR NO.

OUR NO.

DELIVERED TO

Curies		Model	DESCRIPTION
✓	QUANTITY	NO.	
			Iridium 192 Projector
			Radioactive Yellow II Labels
			Transport Index
			USA/9033/B Type B
This is to certify that the above named materials			
are properly classified, described, packaged, marked,			
labeled and are in proper condition for transportation			
according to the applicable regulations of the			
Department of Transportation.			
NO. PACKAGES		WEIGHT	

RECEIVED IN GOOD ORDER BY

X

1193R North Main Street
Randolph, MA 02368

BAKER TESTING SERVICES, INC.

NONDESTRUCTIVE EXAMINATION
METALLURGY AND FAILURE ANALYSIS

(617)986-4030

10CFR71 QA PROGRAM
FOR BAKER TESTING SERVICES INC.

1. Organization

The final responsibility for the Quality Assurance Program for Part 71 Requirements rests with Baker Testing Services Inc. Design and fabrication of radioactive material shipping packages shall not be conducted under this Quality Assurance Program. The Quality Assurance Program is implemented using the following organization (see Appendix 1).

The Radiation Safety Officer is responsible for overall administration of the program, training and certification, document control, and auditing.

The Radiographers are responsible for handling, storing, shipping, inspection test, operating status and record keeping.

2. Quality Assurance Program

The management of Baker Testing Services Inc. establishes and implements 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, engineering 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.

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 1 January 1979. This requirement can be satisfied by receiving a certification to this effect from the manufacturer.

3. Document Control

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.

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

4. Handling Storage and Shipping

Written safety procedures concerning the handling, storage and shipping of packages for certain special form radioactive material will be followed. Shipments 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.

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

5. Inspection, Test and Operating Status

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 nonconforming parts or packages will be positively maintained by written procedures.

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.

6. Quality Assurance Records

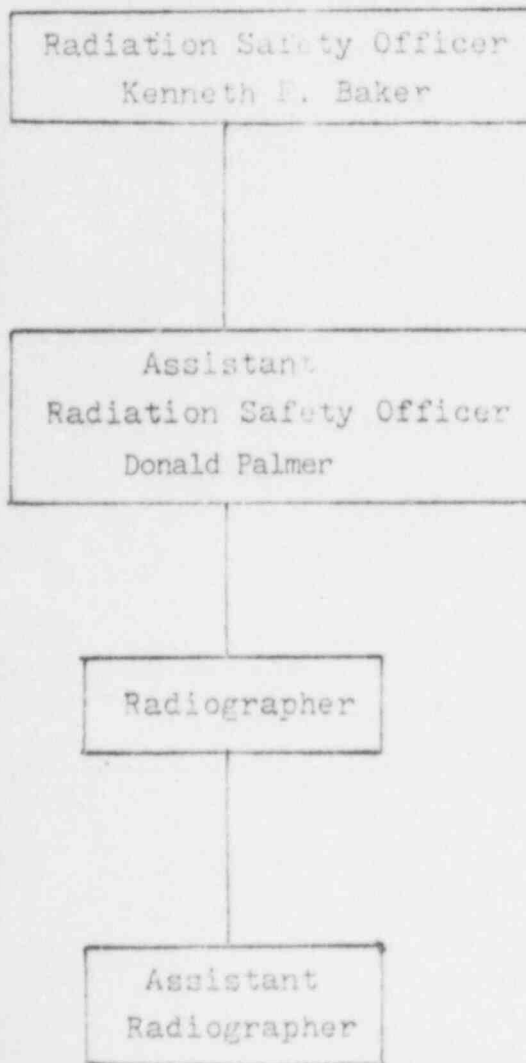
Records of package approvals (including references and drawings), inspections, tests, operating logs, audit results, personnel training and qualifications and records of shipments will be maintained. Descriptions of equipment and written procedures will also be maintained.

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.

7. Audits

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.

APPENDIX 1



General Manager - Responsible for all day to day N.D.E. Administrator of all examinations with regard to radiation safety and levels of competence for radiographers and assistant radiographers. Responsible for administration of calibrations and maintenance of all radiation monitoring equipment, gamma ray projectors, and all equipment pertaining to and used for non-destructive examination with regard to sealed sources.

Assistant to Radiation Safety Officer in all matters pertaining to radiation safety, calibration and maintenance of radiation monitoring equipment, gamma ray projectors and all equipment pertaining to and used for nondestructive examination with regard to sealed sources.

Shall report directly to Radiation Safety Officer and/or Assistant Radiation Safety Officer. Shall be responsible for implementation of company NRC Rules and Regulations and policies with regard to gamma ray projectors used for nondestructive examination.

The assistant radiographer shall report directly to the radiographer. He shall act in an assistant capacity only. He shall be under the direct supervision of the radiographer in all matters pertaining to radiation monitoring equipment, gamma ray projectors, and any and all equipment with regard to sealed sources.