

# APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

<p>APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NM59 WASHINGTON, DC 20545</p> <p>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:</p> <p>CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION I NUCLEAR MATERIALS SAFETY SECTION B 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406</p> <p>ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION II NUCLEAR MATERIALS SAFETY SECTION 101 MARIETTA STREET, SUITE 2900 ATLANTA, GA 30321</p>	<p>IF YOU ARE LOCATED IN:</p> <p>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION III MATERIALS LICENSING SECTION 790 ROOSEVELT ROAD GLEN ELLYN, IL 60137</p> <p>ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION IV MATERIAL RADIATION PROTECTION SECTION 611 RYAN PLAZA DRIVE, SUITE 1000 ARLINGTON, TX 76011</p> <p>ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION V NUCLEAR MATERIALS SAFETY SECTION 1450 MARIA LANE, SUITE 210 WALNUT CREEK, CA 94506</p>
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PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item):</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER</p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>71-0319 (DOCKET NO.)</u> <u>QUALITY ASSURANCE PROGRAM</u></p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)</p> <p>RICHARD E. KRUEGEL DBA GENERAL TESTING &amp; INSPECTION COMPANY 780 HIGH ST. WASHINGTONVILLE, OHIO 44490</p>
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3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>RICHARD E. KRUEGEL / GARY J. GWISDALLA</p>	<p>TELEPHONE NUMBER</p> <p>(216) 427-9936 / (304) 586-2217</p>
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<p>5. SUBMIT ITEMS 6 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE</p>	
<p>6. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.</p>	<p>8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p>
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE</p>	<p>9. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</p>
<p>9. FACILITIES AND EQUIPMENT</p>	<p>10. RADIATION SAFETY PROGRAM.</p>
<p>11. WASTE MANAGEMENT.</p>	<p>12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)</p> <p>FEE CATEGORY <u>10 - F</u> AMOUNT ENCLOSED \$ <u>150.00</u></p>

CERTIFICATION: (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

I, THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE, CORRECT AND ACCURATE TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 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.

<p>SIGNATURE OF APPLICANT</p> <p><i>Richard E. Kruegel</i> <i>Gary J. Gwisdalla</i></p>	<p>TYPED/PRINTED NAME</p> <p>RICHARD E. KRUEGEL GARY J. GWISDALLA</p>	<p>TITLE</p> <p>OWNER / RSO ASST. RADIATION SAFETY OFFICER</p>	<p>DATE</p> <p>11/10/89</p>
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PDR ADDOCK 07100319  
C PDR

RECEIVED  
JAN 10 1990  
REGION III  
DATE

FOR NRC USE ONLY			
TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS
AMOUNT RECEIVED	CHECK NUMBER		

QUALITY ASSURANCE PROGRAM APPROVAL  
FOR RADIOACTIVE MATERIAL PACKA S

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 71, and in reliance on statements and representations heretofore made in Item 5 by the person named in Item 2, the Quality Assurance Program identified in Item 5 is hereby approved. This approval is issued to satisfy the requirements of Section 71.101 of 10 CFR Part 71. This approval is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

2 NAME General Testing & Inspection Company			3 EXPIRATION DATE November 30, 1989
STREET ADDRESS P.O. Box 116			4 DOCKET NUMBER 71-0319
CITY Washingtonville	STATE OH	ZIP CODE 44490	

5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)  
September 19, 1984

6. CONDITIONS

Activities authorized by this approval: procurement, maintenance, repair and use to be executed with regard to transportation packages in special form. All other shipping activities (i.e., design, fabrication, assembly, testing, and modification) shall be satisfied by obtaining certifications from package suppliers that these activities were conducted in accordance with an NRC-approved QA program. It shall remain the responsibility of the licensee-user that all transportation activities meet the requirements of 10 CFR §71.101.

8412060145 (lp)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

*Charles E. MacDonald*  
Charles E. MacDonald

NOV 29 1984

CHIEF, TRANSPORTATION CERTIFICATION BRANCH  
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY  
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

DATE

# General TESTING & INSPECTION Company

NONDESTRUCTIVE TESTING · X-RAY AND GAMMA RAY FIELD UNITS · MAGNETIC PARTICLE AND DYE PENETRANT INSPECTION · THICKNESS GAUGING · MASS SPECTROMETER (HELIUM) AND HALOGEN (FREON) LEAK DETECTION · HYDROSTATIC TESTING · RADIOGRAPHIC, WELDING ENGINEERING AND CERTIFICATION.

Phone:

(216) 427-2226

(216) 427-6885

P.O. Box 116 Washingtonville, Ohio 44490

QUALITY ASSURANCE PROGRAM  
ORGANIZATION CHART FOR  
RICHARD E. KRUEGEL, DBA  
GENERAL TESTING AND INSPECTION COMPANY  
FOR

COMPLIANCE WITH 10CFR PART 71, APPENDIX E

1. OWNER AND OPERATOR, R.E. KRUEGEL
2. RADIATION SAFETY OFFICER, R.E. KRUEGEL
3. ASSISTANT RADIATION SAFETY OFFICER, G.J. GWISDALLA
4. RADIOGRAPHERS, R.E. KRUEGEL  
G.J. GWISDALLA  
W.E. KRUEGEL

## DEFINITIONS:

1. OWNER - MANAGER OF COMPANY
2. RADIATION SAFETY OFFICER - Responsible for overall administration of the Radiation Safety Program (including Quality Assurance), Personnel Radiation Safety Training, and Certification, Document Control, and the auditing of the Radiation Safety Program.
3. ASSISTANT RADIATION SAFETY OFFICER - Assist the Radiation Safety Officer in his duties, and is responsible for the duties of the Radiation Safety Officer in his absence.
4. RADIOGRAPHERS - Responsible for using, storing, shipping, inspection, testing, operating status, and record keeping of radioisotope sources, and devices in accordance with written procedures of the company, as approved by the owners, and the Radiation Safety Officer.

# General TESTING & INSPECTION Company

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## QUALITY ASSURANCE PROGRAM

OF

RICHARD E. KRUEGEL, DBA

GENERAL TESTING & INSPECTION COMPANY

34-09037-01

FOR COMPLIANCE WITH 10 CFR, PART 71, APPENDIX E

### 1. ORGANIZATION

The final responsibility for Quality Assurance (QA Program) for Part 71 Requirements rests with Richard E. Kruegel, DBA General Testing & Inspection Company.

Design and Fabrication shall not be conducted under this QA Program. The QA Program is implemented as shown on the attached organization chart.

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

The Assistant Radiation Safety Officer is responsible for all duties performed by the Radiation Safety Officer in his absence.

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

### 2. QUALITY ASSURANCE PROGRAM

The management of Richard E. Kruegel, DBA General Testing and Inspection establishes and implements this QA Program. Training, prior to engagement, for all QA 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 QA 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 insure that all Radioactive Material shipping packages are designed or fabricated after July 1, 1978. 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 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 non-conforming parts of 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), procurement, 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 QA Program will be performed using written check lists. 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.