(9:86) 10 CFR 30, 32, 33, 34. 35 and 40 APPLICATION FO	U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB 3150-0120 Expires: 5-31-87
INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED	DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES BELOW.
FEDERAL AGENCIES FILE APPLICATIONS WITH:	IF YOU ARE LIDCATED IN:
U.S. NUCLEAR REGULATORY COMMISSION DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS	ILLINDIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:
WASHINGTON, DC 20555 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:	U.S. NUCLEAR REGULATORY COMMISSION, REGION III MATERIALS LICENSING SECTION 799 ROOSEVELT ROAD
CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNEYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:	GLEN ELLYN, IL 60137 ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH,
U.S. NUCLEAR REGULATORY COMMISSION, REGION I NUCLEAR MATERIAL SECTION B 531 FARK AVENUE KING OF PRUSSIA, PA 19406	OR WYOMING, SEND APPLICATIONS TO: U.S. NUCLEAR REGULATORY COMMISSION, REGION IV MATERIAL RADIATION PROTECTION SECTION 611 RYAN PLAZA DRIVE, SUITE 1000
ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:	ARLINGTON, TX 78011 ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:
U.S. NUCLEAR REGULATORY COMMISSION, REGION II MATERIAL RADIATION PROTECTION SECTION 101 MARIETTA STREET, SUITE 2900 ATLANTA, GA 30323	U.S. NUCLEAR REGULATORY COMMISSION, REGION V MATERIAL RADIATION PROTECTION SECTION 1450 MARIA LANE, SUITE 210 WALNUT CREEK, CA 94596
PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEA IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.	I R REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL
1. THIS IS AN APPLICATION FOR (Check appropriate (tem)	2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)
A. NEW LICENSE	Mobil Coal Producing Inc.
X C. RENEWAL OF LICENSE NUMBER 49-19930-01	Box 3021 Gillette, WY 82716
Caballo Rojo Mine 22 miles Southeast of Gillette Gillette, WY 82716	TELEPHONE NUMBER
R. J. Kovacich	(307) 687-0820
SUBMIT ITEMS 5 THROUGH 11 ON 8% x 11" PAPER. THE TYPE AND SCOPE OF INFORMA	TION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.
5. RADIOACTIVE MATERIAL a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL && USED.
7. INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
A PLAN THAT WAS CONDUCTED.	
9. FACILITIES AND EQUIPMENT.	10. RADIATION SAFETY PROGRAM.
	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)
11. WASTE MANAGEMENT.	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY Renewal AMOUNT ENCLOSED \$ 150
<ol> <li>WASTE MANAGEMENT.</li> <li>CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS. PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.</li> </ol>	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY RENEWAT AMOUNT ENCLOSED \$ 150 HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE FOF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION
<ol> <li>WASTE MANAGEMENT.</li> <li>CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING. 1801 S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT, 749 MAKES IT A</li> </ol>	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY RENEWAT AMOUNT ENCLOSED \$ 150 HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE FOF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION
11. WASTE MANAGEMENT.  13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING 100 S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A TO ANY OFFICIEN TO A GENCY OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CONTF. ING OFFICER V DUALT ROUGHER CONTENT OF A CONTENT	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)         FEE CATEGORY         Renewal         AMOUNT ENCLOSED \$ 150         HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE         FOF THE APPLICANT. NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 44, 56, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 44, 56, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 44, 56, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 44, 56, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         ITHIN ITS JURISDICTION.         ITHIN ITS J
11. WASTE MANAGEMENT.         13. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONFORMITY WITH TILE 10, CODE OF FEDERAL REGULATIONS, PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING, 10U S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CENTER ON OFFICER VARIANCE CENTER ON OFFICER CONCUMPTOR AND AND A ADDRESS OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CENTER ON OFFICER CONCUMPTOR AND AND A ADDRESS OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CENTER ON OFFICER CONCUMPTOR AND A ADDRESS OFFICER CONCUMPTOR AND A ADDRESS OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CENTER ON OFFICER CONCUMPTOR AND A ADDRESS OFFICER CONCUMPTOR AND A ADDRESS OFFICER CONCUMPTOR AND A ADDRESS OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CENTER ON A ADDRESS OFFICER CONCUMPTOR AND ADDRESS OFFICER CONCUMPTOR AND ADDRESS OFFICER CONCUMPT	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY RENEWAI LANDUNT ENCLOSED \$ 150 HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE F OF THE APPLICANT. NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION NITHIN ITS JURISDICTION.
11. WASTE MANAGEMENT.         13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT         THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONPORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.         WARNING       100 S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A TO ANY OFFARMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER W         SIGNATUBE CONTF. (NG OFFICER       TYPED/PRINTED NAME         SIGNATUBE CONTF. (NG OFFICER       TYPED/PRINTED NAME         R. J. KOVACICH       14. VOLUNTA         SIGNATUBE CONTF. (NG OFFICER       0. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)         S250K - 500K       S3.5M7M       0. NUMBER OF BEDS         S600K - 750K       S7M - 10M       C. NUMBER OF BEDS	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)         FEE CATEGORY       Renewal         AMOUNT ENCLOSED \$ 150         HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE         FOF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION ITHIN ITS JURISDICTION.         ITILE       DATE         Mine Manager       11/10/86         If would you be willling to FURNISH COST INFORMATION for any further proposed NRC REGULATIONS THAT MAY AFFECT YOU? (NROUTING ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU?) (NROUTING ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU?) (NROUTING ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU?) (NROUTING ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU?) (NROUTING)
11. WASTE MANAGEMENT.         13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING 100 S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A TO ANY OFFARMENT OR A GENCY OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CONTRECTION TO A GENCY OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CONTRECTION OFFICER       TYPED/PRINTED NAME         VICTOR       TYPED/PRINTED NAME         R. J. KOVACICh       14. VOLUNTA         SIGNATURE CONTRECTS       0. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)         \$250K 500K       \$3.5M-7M         \$250K -500K       \$3.5M-7M         \$250K -1M       \$10M	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)         FEE CATEGORY       RENEWA1         AMOUNT ENCLOSED \$ 150         HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE         FOF THE APPLICANT. NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         ACCRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION VITHIN ITS JURISDICTION.         TITLE       DATE         Mine Manager       11/10/86         RY ECONOMIC DATA       0 WOULD YOU BE WILLING TO FUPNISH COST INFORMATION (Goiller and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NR CREQULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial -proprietary - information furnished to the agency in confidence)
11. WASTE MANAGEMENT.         13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING 100 S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A TO ANY OFFARMENT OR A GENCY OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CONTRECTION TO A GENCY OF THE UNITED STATES AS TO ANY MATTER W SIGNATURE CONTRECTION OFFICER       TYPED/PRINTED NAME         VICTOR       TYPED/PRINTED NAME         R. J. KOVACICh       14. VOLUNTA         SIGNATURE CONTRECTS       0. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)         \$250K 500K       \$3.5M-7M         \$250K -500K       \$3.5M-7M         \$250K -1M       \$10M	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)         FEE CATEGORY       Renewal         AMOUNT ENCLOSED \$ 150         HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE         F OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         ACCHIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION ITHIN ITS JURISDICTION.         ITITLE       DATE         Mine Manager       11/10/86         RY ECONOMIC DATA       ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OF ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it protect confidential or financial-proprietary-information furnished to me agency in confidence)         YES       NO
11. WASTE MANAGEMENT.       13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS T BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALL PREPARED IN CONPORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PA IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING. 100 S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A TO ANY OF ARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER W SIGNATUBE CONTECTOR AGENCY OF THE UNITED STATES AS TO ANY MATTER W R. J. KOVACICH       SIGNATUBE CONTECTOR OF FICER     TYPED/PRINTED NAME       SIGNATUBE CONTECTOR OF FICER     TYPED/PRINTED NAME       SIGNATUBE CONTECTOR OF STAT. 749 MAKES IT A TO ANY OF AGENCY OF THE UNITED STATES AS TO ANY MATTER W       SIGNATUBE CONTECTOR OF AGENCY OF THE UNITED STATES AS TO ANY MATTER W       SIGNATUBE CONTECTOR OF AGENCY OF THE UNITED STATES AS TO ANY MATTER W       SIGNATUBE CONTECTOR OF AGENCY OF THE UNITED STATES AS TO ANY MATTER W       SIGNATUBE CONTECTOR OF AGENCY OF THE UNITED STATES AS TO ANY MATTER W       SIGNATUBE CONTECTOR OF AGENCY       SIGNATUBE CONTECTOR OF AGENCY       SIGNATUBE CONTECTOR       SIGNATUBE CONTECTOR <td>12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)         FEE CATEGORY       Renewal         AMOUNT ENCLOSED \$ 150         HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE         F OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         ACCRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION VITHIN ITS JURISDICTION.         ITITLE       DATE         Mine Manager       11/10/86         RY ECONOMIC DATA       OWILLING TO FURNISH COST INFORMATION (Goiler and/or staff hours) ON THE ECONOMIC DATA         4. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Goiler and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit if to protect confidential commercial or financial-proprietary-information furnished to the agency in confidence)         YES       NO</td>	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)         FEE CATEGORY       Renewal         AMOUNT ENCLOSED \$ 150         HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE         F OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN.         ACCRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION VITHIN ITS JURISDICTION.         ITITLE       DATE         Mine Manager       11/10/86         RY ECONOMIC DATA       OWILLING TO FURNISH COST INFORMATION (Goiler and/or staff hours) ON THE ECONOMIC DATA         4. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Goiler and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit if to protect confidential commercial or financial-proprietary-information furnished to the agency in confidence)         YES       NO

## PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

- 1. AUTHORITY: Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
- PRINCIPAL PURPOSE(S): The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
- 3. ROUTINE USES: The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
- 4. WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVID-ING INFORMATION: Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.

5. SYSTEM MANAGER(S) AND ADDRESS: U.S. Nuclear Regulatory Commission Director, Division of Fuel Cycle and Material Safety Office of Nuclear Material Safety and Safeguards Washington, D.C. 20555

## ATTACHMENT

## Item 5: Radioactive Material

The radioactive material in use at the Caballo Rojo Mine is CS-137. The material is used in a Texas Nuclear Model 570-57157C sealed source. The source holder is a Texas Nuclear Model 5192. The maximum amount of radioactive material used will be 100 millicuries.

### Item 6: Use of Licensed Material

The Texas Nuclear Model 5192 device will be used to monitor the material level in the apron feeder located in the coal crushing facility of Mobil Coal Producing Inc.'s Caballo Rojo Mine. The feeder is used to supply coal from the dump hopper above the feeder to the coal crusher below. A level control is necessary to maintain a quantity of coal in the apron feeder to minimize the effects of impact of the coal on the interior of the apron feeder when the mine baulage units empty from above. The device will disengage the feeder drive mechanism when the desired level of coal is reached.

Under normal operating conditions no person will be directly exposed to the collimated Leam of radiation. The feeder itself is totally enclosed with the exception of where the coal enters from the hopper and exits into the crusher. No permanent means of accessing the hopper or gaining access from below exist.

Hatch covers which do provide access are secured and will only be opened in accordance with the precautions outlined in Item 10.

## Item 7: Individuals Responsible for Radiation Safety Program and Their Training and Experience

The following individuals will directly supervise the use of the licensed material:

NAME

TITLE

1.	Β.	D.	Hanson	Mine Superintendent
2.	R.	Ε.	Ruoho	General Electrical Supervisor
3.	R.	R.	Stephens	Preparation Plant Supervisor
4.	Μ.	J.	Levar	Preparation Plant Supervisor
5.	D.	L.	Humphries	Electrical Supervisor

Mr. R. A. Morris, Safety Director, is identified as the Radiation Protection Officer at the Caballo Rojo Mine.

Training details are outlined in Item 8.

1. 2.

# Item 8: Training for Individuals Working In or Frequenting Restricted Areas

As outlined in Items 6 and 10, under operating conditions, no person will be exposed to the collimated beam of radiation; and no permanent means of access to the beam exist.

The manufacturer furnished detailed instructions on the proper precautions to be taken in utilizing this device. Specific items of design detail, shutter operation, beam geometry, radiation levels, and regulatory compliance were presented by trained personnel of Texas Nuclear at the time the device was installed in 1982.

Any maintenance, relocation, or removal of this device will be undertaken by Texas Nuclear personnel.

## Item 9: Facilities and Equipment

A description of the location of the gauge is contained in Item 5: Use of Licensed Material.

No severe environmental conditions exist which could affect the integrity of the shielding or the source. All environmental factors were presented to the manufacturer prior to specifying this device.

Any repair, relocation, or removal of the source holder will be done by Texas Nuclear personnel.

In the event some catastrophic emergency occurs and this device may be involved, Mobil Coal Producing Inc. will notify Texas Nuclear and the NRC; and an appropriate plan of action will be developed.

The following individual will be responsible for contacting both the NRC and Texas Nuclear.

- R. J. Kovacich (307) 687-0820 (Work) (307) 682-7304 (Home)

# Item 10: Radiation Safety Program

A. Based upon working conditions and physical accessibility, we estimate that one person would routinely be within three feet of this device one hour per week.

Our personnel have been instructed as to the size and location of the beam, the radiation levels in the beam, and have been cautioned that unless the shutter is CLOSED these radiation levels are significant. This device has the capability of producing high level radiation between the source holder and the detector. However, the combination of:

i. during normal operation no individual has access to the vessel. The contained material and operating parameters

preclude the access of any major portion of the body to the radiation field. Only authorized personnel are allowed to change the operating parameters and/or authorize access;

- personnel are instructed to CLOSE the gauge shutter when the operation is stopped and/or work must be done in any vessel being monitored;
- iii. if the operation is to be shut down for any extended period of time or extensive work is to be done on the vessel, the radiation safety officer will be notified to insure that the shutter is locked in the CLOSED position and remains locked during this period of time;
- iv. signs displaying "Caution Radiation" and the standard symbol stating that the shutter must be CLOSED and the radiation safety office notified prior to entering the vessel being monitored are posted;
- v. the general inaccessibility of this device;

should be sufficient to prevent unauthorized entry to the radiation beam and preclude any unintentional radiation exposure.

- B. Texas Nuclear personnel performed the initial radiation survey and leak testing at the time of installation. Additionally, our personnel received specific training at the time of installation. This training included construction features of the device, source integrity, beam geometry, and intensity and operating details of the device. Any precautionary steps like the addition of shielding, signs, or precautions to be taken will be covered in accordance with Texas Nuclear installation procedures and training.
- C. The source holder will be tested for source integrity: Model 5192 at least once every three years. Leak testing will be performed by Texas Nuclear Procedure QT/lk.
- D. In the event some catastrophic emergency occurs and this device may be involved, we will notify Texas Nuclear and await further instruction.

Any repair, relocation, or removal or the source holder will be done by Texas Nuclear personnel. Texas Nuclear's address is:

> Texas Nuclear Box 9267 Austin, TX 78766 USNRC License No. 42-01485-04

No personnel monitoring devices need be utilized due to the use of this device. The source holder is designed such that radiation levels will be less than 5mR/h one foot from any accessible surface at the maximum source loading for the device with the

46/302

device in the OFF position. With the shutter open, a collimated beam of radiation exists Letween the source head and detector across the vessel being monitored.

# Item 11: Waste Management

No waste disposal is involved. In the event that the gauge is damaged or its use is discontinued, Texas Nuclear will be notified for removal; and the gauge will be returned for repair or disposal of the source material.

461302

RECEIVED

Mining & Coal Division Box 3021 Gillette, Wyoming 82716 3 JAN 6 AM 11 07

Mobil

U.S. NUCLEAR REG. COMMISSION WASS MAIL SEC Becember 29, 1981

Division of Fuel Cycle & Material Safety Office of Nuclear Safety & Safeguards U.S. Nuclear Regulatory Commission Washington, D.C. 20555

To whom it concerns:

Enclosed are the required copies of an "Application for Byproduct Naterials License - Industrial" and a check in the amount required to apply for a new license (\$110.00).

Prompt processing of the application will assist us in preparing to operate our facilities and will be appreciated. Please advise if additional information is required.

Sincerely,

ours

R.A. Morris Safety Director

RAM/kmz

Enclosure

cc: C.N. Futch - Gillette D.R. Wage - Gillette D.A. Wagner - Gillette

COPIES SENT TO OFF. OF INSPECTION AND ENFORCEMENT

09972

Comple Office I Washing 1717 H 2. APPI MO TELEI (3 1. APPI	tached instructions for details. Red applications are filed in co of Nuclear Material Safety, ar gton, DC 20555 or applicatio.	1	uel Cycle and Material Safety, ulatory Commission, e Commission's office at ver Spring, Maryland. 3. NAME AND TITLE OF P REGARDING THIS APPL		a. NEW LICENSE b. AMENDMENT TO: LICENSE NUMBER DU -19537 c. RENEWAL OF: LICENSE NUMBER LICENSE NUMBER
Comple Office I Washing 1717 H 2. APPI MO TELEI (3 1. APPI	eted applications are filed in o of Nuclear Material Safety, ar gton, DC 20555 or application I Street, NW, Washington, D. LICANT'S NAME (Institution, bil Mining and Coal PHONE NUMBER: AREA CO 07) 682-0205	nd Safeguards, U.S. Nuclear Reg ns may be filed in person at the C. or 7915 Eastern Avenue, Sil firm, person, etc.)	aulatory Commission, e Commission's office at ver Spring, Maryland. 3. NAME AND TITLE OF P REGARDING THIS APPL		C. RENEWAL OF: LICENSE NUMBER
Washing 1717 H 2. APPI Mo' TELE (3)	gton, DC 20555 or application (Street, NW, Washington, D. LICANT'S NAME (Institution, bil Mining and Coal PHONE NUMBER: AREA CO 07) 682-0205	ns may be filed in person at the C. or 7915 Eastern Avenue, Sil firm, person, etc.)	e Commission's office at ver Spring, Maryland. 3. NAME AND TITLE OF P REGARDING THIS APPL	ERSO	LICENSE NUMBER
Mo TELE (3	bil Mining and Coal PHONE NUMBER: AREA CO 07) 682-0205	1	REGARDING THIS APPL	ERSO	PUT PUT I I I I I I I I I I I I I I I I I I I
TELE (3	PHONE NUMBER: AREA CO. 07) 682-0205	and the second			N TO BE CONTACTED
(3	07) 682-0205	DE - NUMBER EXTENSION	C. Nelson Futch		
APP	an open a standard stand and an		(307) (82-0205		code - NUMBER EXTENSION ension 220
shou	ress to which NRC corresponde Id be sent.) ballo Rojo Mine		5. STREET A JDRESS WHE (Include Zi; Code) Caball( Rojo Mi		CENSED MATERIAL WILL BE USE
Bo	x 3021	0.51.6	Box 30/1		0.0717
Gi	llette, Wyoming 8	2716 S NEEDED FOR ANY ITEM,	Gillet e, Wyomi		
	IVIDUAL(S) WHO WILL U	USE OR DIRECTLY SUPERV training and experience of each inter	ISE THE USE OF LICENS		
	FULLN	AME		Т	ITLE
. D	ouglas A. Wagner		Mine Superinte	nden	t
. R	obert J. Kovacich		Preparation Pl	ant	Superintendent
. R	ay Ruoho		General Electr	ical	Supervisor
	IATION PROTECTION OFFIC	CER	16 and 17 and describe his res	ponsib	and experience as outlined in Items i <sup>li</sup> ties under Item 15.
R	obert A. Morris	C LICENCE	Safety Directo	r	
	EL EMENT	CHEMICAL	D MATERIAL NAME OF MANUFACTUR	ER	MAXIMUM NUMBER OF
L I N E	ELEMENT AND MASS NUMBER	AND/OR PHYSICAL FORM	AND WIDDEL NUMBER (If Sealed Source)		MILLICURIES AND/OR SEALED SOURCES AND MAXIMUM ACTI VITY PER SOURCE WHICH WILL BE POSSESSED AT ANY ONE TIM D
VO.	Α	B	С		0
1)	CS-137	Sealed	Texas Nuclear Model 570-57157c		1 x 100mCi
2)					
3)					
4)					1/ 1/23
		DESCRIBE USE OF	LICENSED MATERIAL	ste .	TO BANC
1)		SEE ATTACHED SHEET		>	Proun
2)	1.00	an a she a fifth a she and a she an a she and a she and a			
		DITSE		ction	100)
3)		applied	tron -	PP 18	

*	an a		STORAGE OF	SEALED SOURCE	ES	na an a
L-ZWO.	CONTAINER AND/C SOURCE WILL BE S	DR DEVICE IN WHICH E TORED OR USED. A.	ACH SEALED	NAME OF N	B.	MODEL NUMBER
(1)	One (1) eac	h source holder		Texas Nucl	ear	5192
(2)	anna an s' ann ann an dùraith an ann ann ann					
(3)	NOTE: The source	holder is a com	mplete stora	ge container	for the sourc	e,
(4)	both prior	and subsequent	to installa	tion of the g	auge.	
		10. RA	DIATION DETER	CTION INSTRUM	ENTS	
L-ZWD.	TYPE OF INSTRUMENT	MANUFACTURER'S NAME B	MODEL NUMBER	NUMBER AVAILABLE D	RADIATION DETECTED (alpha, beta, gamma, neutron) E	SENSITIVITY RANGE (milliroentgens/hour or counts/minute)
(1)	an and a left of the dark source and also related by the set of the set	detection inst				9688
(2)	or utilize th		umentation	15 necessary	to safety pos	
(3)						
(4)	1					
		11 CALIBR	ATION OF INST	L RUMENTS LISTEI	DINITEM 10	
	None Required TYPE (Check and/or complete			None Requ: TORING DEVICE SUPPLIER Service Company)	an and a strategy of descent or strategy in the second s	EXCHANGE FREQUENC
	A FILM BADGE	ENCE	None Requ	B ired - see at	ttached sheet	D MONTHLY
	DOSIMETER (TLD) OTHER (Specify):					OTHER (Specify):
_						
						Balance at some the transport of the sector
		ND EQUIPMENT (CH	the same of the second s	a contract of the state of the balance of the balance of the state of the state of the state of the state of the	Contraction of the second s	nd description(s).
] b. ] с.	LABORATORY FAC STORAGE FACILITI REMOTE HANDLING	AND EQUIPMENT (CH ILITIES, PLANT FACILI ES, CONTAINERS, SPEC 3 TOOLS OR EQUIPMENT, TECTIVE EQUIPMENT,	ITIES, FUME HOO CIAL SHIELDING ( NT, ETC.	DS (Include filtratio	n, if any), ETC.	nd description(s).
] b. ] с.	LABORATORY FAC STORAGE FACILITI REMOTE HANDLING	ILITIES, PLANT FACILI ES, CONTAINERS, SPEC 3 TOOLS OR EQUIPMEN	ITIES, FUME HOO CIAL SHIELDING ( NT, ETC.	DS (Include filtratio fixed and/or tempore applicable	n, if any), ETC.	nd description(s).
] b. ] с. ] d.	LABORATORY FAC STORAGE FACILITI REMOTE HANDLING RESPIRATORY PRO	ILITIES, PLANT FACILI ES, CONTAINERS, SPE 3 TOOLS OR EQUIPMENT TECTIVE EQUIPMENT.	ITIES, FUME HOO CIAL SHIELDING ( NT, ETC. ETC. Not 14. WASTE	DS (Include filtratio fixed and/or tempora applicable DISPOSAL	n, if any), ETC.	nd description(s).
D C. D d. NA	LABORATORY FAC STORAGE FACILITI REMOTE HANDLING RESPIRATORY PRO ME OF COMMERCIAL COMMERCIAL WASTE USED FOR DISPOSIN	ILITIES, PLANT FACILI ES, CONTAINERS, SPEC 3 TOOLS OR EQUIPMENT TECTIVE EQUIPMENT, WASTE DISPOSAL SET SEE A 5 DISPOSAL SERVICE II IG OF RADIOACTIVE W	ITIES, FUME HOO CIAL SHIELDING ( NT, ETC. ETC. Not 14. WASTE RVICE EMPLOYED ITACHED SHEE S NOT EMPLOYED (ASTES AND ESTIN	DS (Include filtratio fixed and/or tempora applicable DISPOSAL T SUBMIT A DETAIL MATES OF THE TYP	n, if any), ETC. my), ETC. .ED DESCRIPTION O TE AND AMOUNT OF	F METHODS WHICH WILL ACTIVITY INVOLVED II ANUFACTURER, SO STA

	INFORMATION REQUIRED FOR ITEMS 15, 16 AND 17
	e in detail the information required for Items 15, 16 and 17. Begin each item on a page and key to the application as follows:
15.	RADIATION PROTECTION PROGRAM. Describe the radiation protection program as appropriate for the material to be used including the duties and responsibilities of the Radiation Protection Officer, control measures, bioassay procedures ( <i>if needed</i> ), day-to-day general safety instruction to be followed, etc. If the application is for sealed source's also submit leak testing procedures, or if leak testing will be performed using a leak test kit, specify manufacturer and model number of the leak test kit.
16.	FORMAL TRAINING IN RADIATION SAFETY. Attach a resume for each individual named in Items 6 and 7. Describe individual's formal training in the following areas where applicable. Include the name of person or institution providing the training, duration of training, when training was received, etc.
	a. Principles and practices of radiation protection.
	<ul> <li>Badioactivity measurement standardization and monitoring techniques and instruments.</li> </ul>
	c. Mathematics and calculations basic to the use and measurement of radioactivity.
	d. Biological effects of radiation.
17.	EXPERIENCE. Attach a resume for each individual named in Items 6 and 7. Describe individual's
	work experience with radiation, including where experience was obtained. Work experience or on- the-job training should be commensurate with the proposed use. Include list of radioisotopes and maximum activity of each used.
	work experience with radiation, including where experience was obtained. Work experience or on- the-job training should be commensurate with the proposed use. Include list of radioisotopes and maximum activity of each used.
	work experience with radiation, including where experience was obtained. Work experience or on- the-job training should be commensurate with the proposed use. Include list of radioisotopes and
WARNIN	work experience with radiation, including where experience was obtained. Work experience or on- the-job training should be commensurate with the proposed use. Include list of radioisotopes and maximum activity of each used. <b>18. CERTIFICATE</b> (This item must be completed by applicent) The applicant and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.
representi	work experience with radiation, including where experience was obtained. Work experience or on- the-job training should be commensurate with the proposed use. Include list of radioisotopes and maximum activity of each used. 18. CERTIFICATE (This item must be completed by applicant) The applicant and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief. IG18 U.S.C., Section 1001: Act of June 25, 1948: 62 Stat. 749; makes it a criminal offense to make a willfully false statement ation to any department of sprincy of the United States as to any metter within its jurisdiction.
LICENS	work experience with radiation, including where experience was obtained. Work experience or on-         the-job training should be commensurate with the proposed use. Include list of radioisotopes and         maximum activity of each used.         18. CERTIFICATE         IThis item must be completed by applicant!         The applicant and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.         IG18 U.S.C., Section 1001; Act of June 25, 1948; 62 Stat. 748; makes it a criminal offense to make a willfully false statement attached of the provide of the provide of the provide of the application.
LICENS	work experience with radiation, including where experience was obtained. Work experience or on-         the-job training should be commensurate with the proposed use. Include list of radioisotopes and         maximum activity of each used.         18. CERTIFICATE         Instrume must be completed by applicant.         The applicant and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.         IG18 U.S.C., Section 1001; Act of June 25, 1948; 62 Stat. 748; makes it a criminal offense to make a willfully false statement attached on the protect of the United States as to any matter within its jurisdiction.
LICENS	work experience with radiation, including where experience was obtained. Work experience or on-         the-job training should be commensurate with the proposed use. Include list of radioisotopes and         maximum activity of each used.         18. CERTIFICATE         The applicant and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.         IG-18 U.S.C., Section 1001. Act of June 25, 1948; 62 Stat. 748; makes it a criminal offense to make a willfully failse statement ation to any departments of the United States as to any metter within its jurisdiction.         IE FEE REQUIRED       D. CERTIFYING OFFICIAL (Signature)         LO 11 W       9 WT 200         LO 11 W       9 WT 200
LICENS	work experience with radiation, including where experience was obtained. Work experience or on-         the-job training should be commensurate with the proposed use. Include list of radioisotopes and         maximum activity of each used.         18. CERTIFICATE         (This item must be completed by applicant)         The applicant end any official executing this certificate on behalf of the applicant named in item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.         VG18 U.S.C., Section 1001, Act of June 25, 1948, 62 Stat. 749, makes it a criminul offense to make a willfully false statement ation to any departments of the United States as to any metter within its jurisdiction.         VE FEE REQUIRED       0         LO 11 W       9         LO 11 W       9

FORM NRC-313 | (3-80)

## ATTACHMENT

#### 8E: Use of Licensed Material

Texas Nuclear's Model 5192 device will be used to monitor the material level in the apron feeder located in the coal crushing facility of Mobil's Caballo Rojo coal mine. The feeder is used to supply coal from the dump hopper above the feeder to the coal crusher below. A low level control is needed to maintain a quantity of coal in the feeder to minimize the effect of the impact of the coal on the interior surfaces of the feeder when the mine's haulage units empty from above. The device will disengage the feeder drive mechanism when the desired level of coal is reached.

Under normal operating conditions, no person will be directly exposed to the collimated beam of radiation. The feeder is totally enclosed with the exception of where the coal enters from the hopper and exits into the crusher. There is no permanent means of lowering oneself into the hopper or gaining access from below, nor should the need arise. Hatch covers which do provide access to the interior of the feeder are secured in place and access would only be permitted in accordance with the precautions outlined in item 15.

There are no severe environmental conditions that can affect the integrity of the source and shielding. All environmental factors have been presented to the manufacturer for evaluation prior to specifying this device.

#### 12A: Personnel Monitoring

No additional personnel monitoring devices need be utilized due to the presence of this gauging device. The source holder is designed such that radiation levels will be less than 5mR/h one foot from any accessible surface at the maximum source loading for the device with the device OFF position. With the shutter open, a collimated beam of radiation exists between the source head and detector traversing the vessel being monitored. It is not likely, when consideration is given to the design of the device, the precautions to be taken itemized in Item 15 and the minimal accessibility, that any individual will receive a radiation exposure in excess of 0.125 rem per calendar guarter.

#### 14A: Waste Disposal

No waste disposal is involved. In the event that the gauge is damaged or its use discontinued, we shall notify Texas Nuclear for removal and return the gauge for repair or disposal of the source material.

# 15: Radiation Protection Program

4

A. Based upon working conditions and physical accessibility, we estimate that one person would routinely be within three feet of this device one hour per week.

Our personnel will be instructed as to the size and location of the beam, the reduction levels in the beam and will be cautioned that unless the shutter is CLOSED these radiation levels are significant. This device has the capability of producing high level radiation between the source holder and the detector. However, the combination of:

- i. during normal operation no individual has access to the vessel. The contained material and operating parameters preclude the access of any major portion of the body to the radiation field. Only authorized personnel are allowed to change the operating parameters and/or authorize access;
- ii. personnel are instructed to CLOSE the gauge shutter when the operation is stopped and/or work must be done in any vessel being monitored;
- iii. if the operation is to be shut down for any extended period of time or extensive work is to be done on the vessel. the radiation safety officer will be notified to insure that the shutter is locked in the CLOSED position and remains locked during this period of time;
- iv. signs displaying "Caution Radiation" and the standard symbol stating that the shutter must be CLOSED and the radiation safety officer notified prior to entering the vessel being monitored will be posted at installation;
- v. the general inaccessibility of this device;

should be sufficient to prevent unauthorized entry to the radiation beam and preclude any unintentional radiation exposure.

B. Texas Nuclear personnel will perform the initial radiation survey and leak testing at the time of installation. Additionally, our personnel will receive specific training at the time of installation. This training will include construction features of the device, source integrity, beam geometry and intensity and operating details of the device. Any precautionary steps like the addition of shielding, signs, or precautions to be taken will be covered at the time in accordance with Texas Nuclear installation procedures and training.

09972

# 16: Formal Training in Radiation Safety

The manufacturer will furnish us with detailed instruction on the proper precautions to be taken in utilizing this device. Specific items of design detail, shutter operation, beam geometry, radiation levels and regulatory compliance will be presented by trained personnel of Texas Nuclear at the time this device is installed.

# 15: Radiation Protection Program (continued)

\* \*

- C. The source holder will be tested for source integrity: Model 5192 at least once every three years. Leak testing will be performed by Texas Nuclear Procedure QT/1K.
- D. In the event some catastrophic emergency occurs and this device may be involved, we will notify Texas Nuclear and await further instruction.

Any repair, relocation or removal of the source holder will be done by Texas Nuclear Personnel.

## 17; Fxperience

. . . . •

e

Our personnel presently have no experience. Refer to item 16 for supplementary information.