	NDIX A APPROVED BY ON BRATERIAL LICENSE BIG.0120 RATERIAL 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.					
EDERAL AGENCIES FILE APPLICATIONS WITH	IF YOU ARE LOCATED IN				
U.S. NUCLEAR REGULATORY COMMISSION DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS	ILLINDIS, INDIANA, IOWA, MICHIGAN, MINMESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO				
WASHINGTON, DC 20655 LL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE	U.S. NUCLEAR REGULATORY COMMISSION, REGION III MATERIALS LICENSING SECTION 199 ROOSEVELT ROAD GLEN ELLYN, IL 60137				
OCATED IN. DINECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND.					
ASSACHUSETTS, NEW JERSEY, NEW YORK, PFINSYLVANIA, RHODE ISLAND. R VERMONT, SEND APPLICATIONS TO	ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NERRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, BOUTH DAKOTA, TEXAS, UTAH, OR WYDAING, SEND APPLICATIONS TO				
U.S. NUCLEAR REGULATORY COMMISSION, REGION 1 NUCLEAR MATERIAL SECTION 8 S11 PARK AVENUE KING OF PRUSSIA, PA 19406	U.S. NUCLEAR REGULATORY COMMISSION, REGION IV MATERIAL RADIATION PROTECTION SECTION 511 RYAN PLAZA DRIVE, SUITE 1000				
LABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, URRTO RICO, SOUTH CAROLINA, TENNEBSEE, VIRGINIA, VIRGIN ISLANDS, OR VEST VIRGINIA, SEND APPLICATIONS TO	ARLINGTON, TX 76011 ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS				
U.S. NUCLEAR REGULATORY COMMISSION REGION II MATERIAL RADIATION PROTECTION SECTION 101 MARIETTA STREET, SUITE 2900 ATLANTA, GA 30323	TO: U.S. NUCLEAR REGULATORY COMMISSION, REGION V MATERIAL RADIATION PROTECTION SECTION 1450 MARIA LANE, SUITE 210 WALNUT CREEK, CA. 94596				
ERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAT IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.	I REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATER				
THIS IS AN APPLICATION FOR (Chack appropriate Inter)	2 NAME AND MAILING ADDRESS OF APPLICANT (INCLUDE 20 CODE)				
	Craig Bowers P.O. Box 52				
C RENEWAL OF LICENSE NUMBER 24-20301-01	Kirksville, Missouri 63501				
2					
NAME OF PEFSON TO BE CONTACTED ABOUT THIS APPLICATION	TELEPHONE NUMBER				
Craig R. Bowers	816-665-1040				
Craig R. Bowers	816-665-1040				
Craig R. BOWErs UBMIT ITEMS & THROUGH 11 ON BILL 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL & Element and mass number, b. chemical and/or physical form, and c. maximum prount which will be possessed at any one time	816-665-1040 TION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 6. PURPOSEISI FOR WHICH LICENSED MATERIAL WILL BE USED.				
Craig R. BOWErs UBMIT ITEMS & THROUGH II ON BILL II PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possible of any one time individualisi Responsible for Radiation Safety PROGRAM and THEIR TRAINING AND EXPERIENCE	8 16-665-1040				
Craig R. BOWErs UBMIT ITEMS & THROUGH 11 ON EN + 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL a Element and mass number, b, chemical and/or physical form, and c, maximum amount which will be poissested at any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE FACILITIES AND EQUIPMENT 1. WASTE MANAGEMENT	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 6. PURPOSEISI FOR WHICH LICENSED MATERIAL WILL BE USED. 8. TRAINING FOR INDIVIDUALS WORKING IN OR PREQUENTING RESTRICTED AREAN 10. RADIATION SAFETY PROGRAM 12. LICENSEE FEES ISM 10 CFR 170 and Section 170 311 FEE CATEGODY 49 FR 21293P[ENCLOSED \$120.00				
Craig R. BOWErs UBMIT ITEMS & THROUGH II ON BN + 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * Element and mass number, b. chemical and/or physical form, and c. maximum amount mices will be possessed at any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE FACILITIES AND EQUIPMENT 1. WASTE MANAGEMENT 3. CERTIFICATION. (Must be completed by applicable) THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT	8 16-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREA 10. RADIATION SAFETY PROGRAM 12. LICENSEE FEES IS: 10 CFR 170 and Section 170 31) FEE CATEGORY 49 FR 21293P AMOUNT FEE CATEGORY 49 FR 21293P ENCLOSED \$120.00 CAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE				
Craig R. BOWErs UBMIT ITEMS & THROUGH II ON BN + 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * Eightem and mass number, b. othemicel and/or physical form, and c. maximum amount mices will be possessed at any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE FACILITIES AND EQUIPMENT 1. WASTE MANAGEMENT 1. CERTIFICATION. IMUST ME completed by applicabilit. THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF PREPARED IN CONFORMITY WITH THILE TO CODE OF FEDERAL REGULATIONS, FAS IS THUE AND CONFORMITY WITH THILE TO CODE OF FEDERAL REGULATIONS, FAS	8 16-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8. PURPOSEISI FOR WHICH LICENSED MATERIAL WILL BE USED. 8. TRAINING FOR INDIVIDUALS WORKING IN OR PREQUENTING RESTRICTED AREA 10. RADIATION SAFETY PROGRAM 12. LICENSEE FEES IS # 10 CF# 170 and Skilden 170 311 YEE CATEDONY 49 FR 21293P AMOUNT FEE CATEDONY 49 FR 21293P ENCLOSED \$ 120.00 VAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE OF THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION IS ITS 30.32.33.34.35. AND 40 AND THAT ALL INFORMATION CONTAINED MEREIN				
Craig R. BOWErs UBMIT ITEMS & THROUGH II ON EN + 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * EXEMPTION AND ENTERIAL * EXEMPTION AND ENTERIAL * EXEMPTION AND EXPERIENCE INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE * ACILITIES AND EQUIPMENT * WASTE MANAGEMENT * WASTE MANAGEMENT * WASTE MANAGEMENT * CORTIFICATION IMUS DE COMPLETED BY REDICENTION THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF PREPARED IN CONFORMITY WITH TITLE 10 CODE OF FEDERAL REGULATIONS, PAR IS THUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND AND ALL PREPARED IN CONFORMITY WITH TITLE 10 LODE OF FEDERAL REGULATIONS, PAR IS THUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND RAUSE ITA TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATE SAS TO ANY MATTER WI	8 16-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 6. PURPOSEISI FOR WHICH LICENSED MATERIAL WILL BE USED. 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAN 10. RADIATION SAFETY PROGRAM 12. LICENSEE FEES IS 10 CFR 170 and Section 170 311 FEE CATEGORY 49 FR 21293P ENCLOSED \$120,00 CAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION ARE 05 THE APPLICANT NAMED IN ITEM 2 CERTISY THAT THIS APPLICATION IS 100 THIN 175 JURISDICTION				
Craig R. BOWErs UBMIT ITEMS & THROUGH II ON EN + 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * EXEMPTION AND ENTERIAL * EXEMPTION AND ENTERIAL * EXEMPTION AND EXPERIENCE INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE * ACILITIES AND EQUIPMENT * WASTE MANAGEMENT * WASTE MANAGEMENT * WASTE MANAGEMENT * CORTIFICATION IMUS DE COMPLETED BY REDICENTION THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF PREPARED IN CONFORMITY WITH TITLE 10 CODE OF FEDERAL REGULATIONS, PAR IS THUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND AND ALL PREPARED IN CONFORMITY WITH TITLE 10 LODE OF FEDERAL REGULATIONS, PAR IS THUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND RAUSE ITA TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATE SAS TO ANY MATTER WI	8 16-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8. TRAINING FOR INDIVIDUALS WORKING IN OR PREQUENTING RESTRICTED AREA 10. RADIATION SAFETY PROGRAM 12. LICENSEE FEES IS # 10 CFR 170 and Skilden 170 31 Y FEE CATEGORY 49 FR 21293P AMOUNT FEE CATEGORY 49 FR 21293P ENCLOSED \$ 120,00 (AT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE OF THE APPLICANT NAMED IN ITEM 2 CERTIESY THAT THIS APPLICATION ARE OF THE APPLICANT NAMED IN ITEM 2 CERTIESY THAT THIS APPLICATION IS ITED DATE				
Craig R. Bowers UBMIT ITEMS & THROUGH II ON BN + 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * Eigment and mask number, b. chemical padior physical form, and c. maximum amount mitter will be posseded at any one time individual to be completed into Safety PROGRAM AND THEIR TRAINING AND EXPERIENCE * ACILITIES AND EQUIPMENT * WASTE MANAGEMENT * CERTIFICATION IMUS BE completed by Replicably THE APPLICANT UNDERSTANUS TH * BINDING UPON THE APPLICANT * THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF PREPARED IN CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CORFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CORFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CORFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CORFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CORFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CORFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY WITH TITLE TO CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CONFORMITY ON AGENCY OF THE UNITED STATES AS TO ANY MATTER HIN INTO ANY DEFARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER HIN INDUCKED FOR THE AND CONFORMED TO PARES ITA TOS WARES ITA IS NONTHELES AS TO ANY MATTER HIN INDUCKED F	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8 FURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8 TRAINING FOR INDIVIDUALS WORKING IN OR PREQUENTING RESTRICTED AREAS 10 RADIATION SAFETY PROGRAM 12 LICENSEE FEES IS # 10 CFR 170 and Section 170 311 ***********************************				
Craig R. Bowers UBMIT ITEMS & THROUGH II ON BILLI I PAPER THE TYPE AND SCOPE OF INFORMAT RADIDACTIVE MATERIAL & Extendent and mask number, b. chemical and/or physical form, and c. maximum amount much will be possible as any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE #ACILITIES AND EQUIPMENT INDING UPON THE APPLICANT N WASTE MANAGEMENT I CERTIFICATION IMUS BE completed by applicately. THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PAR IS TRUE AND CORRECT TO THE BEST OF THEIR XNOWLEDGE AND RALLY WARNING IS US C. SECTION 1001 ACT OF JUNE 71. IMM & STAT TAS WAKES IT A TO ANY DEFARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER MI GNATURE-CERTIFYING OFFICER TYPEDIPRINTED NAME CRAIG R. BOWET A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM FORMATION A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM CONTACTORY A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM FORMATION A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM FORMATION A. MONUAL RECEIPTS A. MONUAL RECEIPTS A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM FORMATION A. MONUAL RECEIPTS A. MONUAL RECEIPTS A. MUMBER OF EMPLOYEES ITOM FORMATION A. MONUAL RECEIPTS A. MONUAL A.	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 6 PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8 TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS 10 RADIATION SAFETY PROGRAM 12 LICENSEE FEES IS A 10 CFR 17C AND SACTOR 170 311 Y FR 21293P ANOUNT FEE CATEGORY 49 FR 21293P ENCLOSED \$120.00 CAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE OF THE APPLICANT NAMED IN ITEM 2 CERTIFY THAT THIS APPLICATION IS AND 32 33 34 35 AND 40 AND THAT ALL INFORMATION CONTAINED HEREIX. CRIMINAL OFFENSE TO MARE A WILLFULLY FALSE STATEMENT OR REPRESENTATION THIN ITS JURISDICTION. TITLE DATE OWIDE T 6-23-87 AT ECONOMIC DATA OWIDE T OWIDE T OWIDE T OWIDE T OWIDE TO COMMENT THE CONTOR ON THE MARE TO COME THE THAT AND AN AFFECT TOUL INFORMATION TO ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT TOUL INFORMATION TO THE PROPINE TO THE CONTOR TO THE CONTOR TO THE CONTOR THE CONTOR THAT ANY AFFECT TOUL INFORMATION THE ADD THE TO THE CONTOR TO THAT THE THAT ANY AFFECT TOUL INFORMATION TO THE PROPINE TO THE CONTOR THAT ANY AFFECT TOUL INFORMATION THE THE ADDRIES TO THE AFFECT TOUL INFORMATION TO THE CONTOR THAT THE CONTOR THAT ANY AFFECT TOUL INFORMATION THE TO THE ADDRIES TO THE ADDRIES TO T				
Craig R. Bowers BANIT ITEMS 5 THROUGH II ON BILLI I PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * Emment and mass number, b. chamical photor physical form, and c. maximum amount which will be possible of any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE * MASTE MANAGEMENT • WASTE MANAGEMENT • CERTIFICATION (Must be completed by applicably) THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT • MASTE MANAGEMENT • WASTE MANAGEMENT • CERTIFICATION (Must be completed by applicably) THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT • MASTE MANAGEMENT • CERTIFICATION (Must be completed by applicably) THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT • MARTIFICATION (Must be completed by applicably) THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT • MASTE MANAGEMENT • CERTIFICATION (Must be completed by applicably) THE APPLICANT UNDERSTANUS TH BINDING UPON THE APPLICANT • MARTIFICATION (MUST BE CONTORMITY WITH TITLE 10 COCOLOR OF PEDERAL REGULATION ON BEHALF PREPARED IN CONTORMITY WITH TITLE 10 COCOLOR OF PEDERAL REGULATION ON BEHALF INTERSTITUTE THE APPLICANT AND ANY OFFICIAL EXECUTION THE UNITED STATES AS TO ANY MATER WITH ONAT URE-CERTIFYING OFFICER • AND OPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATER WITH ONATURE-CERTIFYING OFFICER Investig Recent Entropt for enting Recent Excurding Contride continetront </td <td>816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8 FURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8 TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS 10 RADIATION SAFETY PROGRAM 12 LICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 CFR 170 and Section 170 311 <!--</td--></td>	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8 FURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8 TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS 10 RADIATION SAFETY PROGRAM 12 LICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 and Section 170 311 Y CICENSEE FEES IS # 10 CFR 170 CFR 170 and Section 170 311 </td				
Craig R. Bowers UBMIT ITEMS & THROUGH ITION BLASTI PAPER THE TYPE AND SCOPE OF INFORMAT RADIDACTIVE MATERIAL * Element and mass number, b. stammicel and/or physical form, and c. maximum amount indownil the possesses at any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR FACILITIES AND EQUIPMENT INDIVIDUALISI RESPONSIBUL FOR SAFETY PROGRAM AND THEIR FACILITIES STATEMENT OF AGENCY OF THE UNITED STATES AS TO ANY MARKES IT A TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITH ONATURE -CERTIFYING OFFICER SIM-10M SIM-10M SIM-10M SIM-10M SIM-10M SIM-10M SIM-10M SIM-10M S	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8. TRAINING FOR INDIVIDUALS WORKING IN OR PREQUENTING RESTRICTED AREAS 10. RADIATION SAFETY PROGRAM 12. LICENSEE FEES IS & 10 CFR 170 and Section 170 311 Y E CATEDORY 49 FR 21293P 21. LICENSEE FEES IS & 10 CFR 170 and Section 170 311 Y E CATEDORY 49 FR 21293P 21. LICENSEE FEES IS & 10 CFR 170 and Section 170 311 Y E CATEDORY 49 FR 21293P 21. LICENSEE FEES IS & 10 CFR 170 and Section 170 311 Y E CATEDORY 49 FR 21293P 21. LICENSEE FEES IS & 10 CFR 170 and Section 170 311 Y E CATEDORY 49 FR 21293P 21. LICENSEE FEES IS & 10 CFR 170 CFR 170 ARE SECTION 170 311 Y E CATEDORY 49 FR 21293P 21. LICENSEE FEES IS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE OF THE APPLICANT NAMED IN ITEM 2 CERTIESY THAT THIS APPLICATION ARE OF THE APPLICANT NAMED IN ITEM 2 CERTIESY THAT THIS APPLICATION IS CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TITLE DATE CS OWDET 6-23-87 AT E CONDUCT DATA A WOULD YOU BE WILLING TO FURNISH COST INFORMATION MORE AND AND FUTURE PROPOSED NEC REQULATIONS ON ANY TUTURE PROPOSED NEC REQULATIONS T				
Craig R. Bowers UBMIT ITEMS 5 THROUGH II ON BALLI PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL a Examiniand mass number, b. chemical photor physical form, and c. maximum amount inform will be possessed at any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EQUIPMENT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR BINDING UPON THE APPLICANT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR BINDING UPON THE APPLICANT INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR BINDING UPON THE APPLICANT INDIVIDUALISI RESPONSIBLE POR RADIATION SINCH CONFORMITY WITH THILE TO CODE OF PEDERAL REGULATION ON BEHALF PREPARED IN CONFORMITY WITH THILE TO CODE OF PEDERAL REGULATION ON BEHALF PREPARED IN CONFORMUTY OF AGENCY OF THE UNITED STATES AS TO ANY MARTER WIT CONATURE -CERTIFYING OFFICER INDIVIDUALISI RECERTIFY INCOMPANY OFFICER INVERTIGUE FOR EMPLOY EXAMPLE ON THE ON THE APPLICANT WATER TOTI SIDENCE FOR THEIR STATES AND CONFORMUTE CONTACTOR INTERCEMUT RECENT EXAMENT INDIVIDUALISING	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8. FURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8. FRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS IO RADIATION SAFETY PROGRAM 12 LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 170 31 Y LICENSEE FEES IS # 10 CFR 170 and Section 100 Colspane APPLICATION ARE <td c<="" td=""></td>				
UBMIT ITEMS 5 THROUGH 11 ON BILL 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL Etement and mast number, b. chemical protoc physical form, and c. maximum amount which will be possessed at any one time NOUVIDUALISI REEPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE A RACILITIES AND EQUIPMENT C RACILITIES AND EQUIPMENT C CRAIGENT UNDERSTAND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF REPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PAP IS THUE AND CORRECT TO THE BEST OF THEIR XNOWLEDGE AND RELIEF WARKING IS U.S.C. SECTION 1001 ACT OF JUNE 75, 1948 62 STAT THE WARKES IT A C CRAIG R. BOWET C CRAIG R. BOWET C CRAIG R. BOWET C ADDUCT AND ANY OFFICIER C CRAIG R. BOWET C ADDUCT AND ANY OFFICIER C CRAIG R. BOWET C ADDUCT AND ANY OFFICIER C CRAIG R. BOWET C ADDUCT AND ANY OFFICIER C CRAIG R. BOWET C ADDUCT AND ANY OFFICIER C CRAIG R. BOWET C ADDUCT BE AND CONTRECT THE STME STME OF EMPLOYEES THE INCOME CONTRECT TO A MANING IS U.S. SECTION 1001 ACT OF JUNE 75, 1948 CS STAT THE WARKES IT A C AND CORRECT TO THE BEST OF THE UNITED STATE FOR WARKES IT A C AND CORRECT TO THE BEST OF THE UNITED STATE FOR WARKES IT A C AND CORRECT TO THE BEST OF THE UNITED STATE FOR WARKES IT A C AND CORRECT TO THE BEST OF THE UNITED STATE FOR WARKES IT A C ADDUCT BERTIFYING OFFICER C ADDUCT C ADD A DECREPTION C ADDUCT BE AND CORRECT TO THE BEST OF THE UNITED STATE FOR WARTER WI C ADDUCT BE ADDUC	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS 10. RADIATION SAFETY PROGRAM 12. LICENSEE FEES ISSN 10 CFR 170 and Saction 170 31 13. LICENSEE FEES ISSN 10 CFR 170 and Saction 170 31 14. TALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE 05. THE APPLICANT NAMED IN ITEM 2 CERTIENT THAT THIS APPLICATION IS 15. THE APPLICANT NAMED IN ITEM 2 CERTIENT THAT THIS APPLICATION IS 16. TITLE 17. TITLE 17. SOUND ON THE EXAMPLE TO MARE A WILLFULLY FALSE STATEMENT OR REPRESENTATION 18. WOULD TOU BE WILLING TO FURNISH COST INFORMATION ONTAINED HEREIN 19. WOULD TOUR BE WILLING TO FURNISH COST INFORMATION ONTAINED HEREIN 19. WOULD TOUR BE WILLING TO FURNISH COST INFORMATION ON THE FORMACT OF UTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU! "NRC may attem permit in the problem contacting of function of the partition permit in the problem contacting of function of the part of the permit in the problem contacting of function of the partition for the permit is contacting of function of functis of the permit is contacting of function of function of the perm				
Craig R. BOWErs UBMIT ITEMS & THROUGH II ON EN + 11 PAPER THE TYPE AND SCOPE OF INFORMAT RADIOACTIVE MATERIAL * Expression and mass number, b. chemical police physical locm, and c. maximum amount * Note that the policeade stary over time * INDIVIDUALISI REPRONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR * ACILITIES AND EQUIPMENT * WASTE MANAGEMENT * WASTE MANAGEMENT * CERTIFICATION. IMUS DE completed by Reprice 11 THE APPLICANT UNDERSTANUS THE * BINDING UPON THE APPLICANT * WASTE MANAGEMENT * BINDING UPON THE APPLICANT * HE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONE, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONE, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONE, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONE, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, AAS is TRUE AND CONFORMUTY OR AGENCY OF THE UNITED STATES AS TO ANY MATTER HIN IONATURE-CERTIFYING OFFICER ***********************************	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION RESTRICTED AREAS ION RADIATION FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS ION RADIATION FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS ION RADIATION SAFETY PROOPAM ION RADIATION FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS ION RADIATION COLSPAN IS UNIT OF COLSPAN IS UNIT OF ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE INFORMATION CONTAINED HEREIN INFORMATION CONTAINED HEREIN TO THE ANDIAL AND				
Craig R. Bowers UBMIT ITEMS & THROUGH II ON BALLI PAPER THE TYPE AND SCOPE OF INFORMAT RADIDACTIVE MATERIAL * Emment and mask number, b. chemicel policy physical form, and c. maximum amount introp will be possessed at any one time INDIVIDUALISI RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE * MASTE MANAGEMENT * MASTE MANAGEMENT * BINDING UPON THE APPLICATION IMUS DE COMPLETED TO BETATION ON BEHALF PREPARED IN CONFORMENT * CERTIFICATION IMUS DE COMPLETED OF THEIR THICK TOOL ON BEHALF PREPARED IN CONFORMENT * MASTE MANAGEMENT * CERTIFICATION IMUS DE COMPLETED OF THEIR NOWLEDGE AND RELIEF WARNING IS USC SECTION TOOL ACT OF JUNE 75 THE APPLICANT UNDERSTANUS THE STRUE AND CORFORMITY WITH THIS IN CODE OF FEDERAL REGULATIONS, AAS IS TRUE AND CORFORMITY WITH THIS IN CODE OF FEDERAL REGULATIONS, AAS IS TRUE AND CORFORMITY WITH THIS IN CODE OF FEDERAL REGULATIONS, AAS IS TRUE AND CORFORMITY WITH THIS INCOMPLETED AND RELIEF WARNING IS USC SECTION TOOL ACT OF JUNE 75 THE AND CONTACT TOS WARES IT A TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER MINIGUAL INCLUSE CERTIFYING OFFICER TYPEDIFFINITED NAME CRAIG R. BOWET IS TRUE OF ARETMENT OF AGENCY OF THE UNITED STATES AS TO ANY MATTER MINIGUAL SECON STORM SITE OF AGENCY OF THE UNITED STATES AS TO ANY MATTER MINIGUAL IS AND CONTACT AND ANY OFFICER INVERTIGE RESPONDED TO THE ADVITED THE ADVITED STATES AS TO ANY MATTER MINIGUAL IS AND CONTACT AND ANY OFFICER INDUSTION OF A DETIMENT OF AGENCY OF THE UNITED STATES AS TO ANY MATTER DISTANCE IS AND ACTIVE CERTIFY ING OFFICER INVERT RECENT CONTACT	816-665-1040 ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE ION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE I PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE I PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION RESTRICTED AREA IO RADIATION SAFETY PROGRAM IS LICENSEE FEES IS IN 10 CFA 100 CFA 100 AND SAFED IN 100 ON THE PROLOSED \$ 120,00 IT LICENSEE FEES IS IN 10 CFA 100 CFA 100 AND SAFED IN 100 ON THE PROLOSED \$ 120,00 IT LICENSEE FEES IS IN 10 CFA 100 CFA 100 AND SAFED IN 100 CONTAINED APPLICATION ARE OF THE APPLICAT NAMED IN ITEM 2 CERTIES Y THAT THIS APPLICATION ARE OF THE APPLICATION AND REPRESENTATIONS MADE IN THIS APPLICATION IS ITTLE DATE OWDER INFORMATION CONTAINED HEREIN OWDER INFORMATION CONTAINED HEREIN AND APPLICATION IS INFORMATION CONTAINED HEREIN INFORMATION CONTAINED HEREIN AND APPLICATION IS INFORMATION CONTAINED HEREIN INFORMATION CONTAINED HEREIN INFORMAT				

1.14

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 amenoment 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

Item 5. Radioactive Material

1.	Element & Mass Number	Cs-137
2.	Physical Form	Sealed Source
3.	Maximum Source Size	
4.	Gauge Type	exceed 9 mci Troxler Model 1351 Nuclear Depth Density Gauge

Item 6. Purpose

For use in Troxler Model 1351 or 1352 depth density guage to measure subsurface density of soil and coal stockpiles.

Item 7. Training & Experience

Craig R. Bowers -

Craig R. Bowers will be the designated Radioactive Safety Officer

He has attended the standard training course given by the Troxler Electronic Laboratories. This course was given on 6-9-79. Topics covered included principles and practices of radiation protection, radioactivity measurement standardization and monitoring techniques and instruments, mathematics and calculations basic to the use and measurement of radioactivity, and biological effects of radiation.

Has worked with the Troxler 1351 nuclear depth probe, the Troxler 3400 B series of surface nuclear gauges, and similar gauges built by Seamen Nuclear for the past 9 years. The instruments were used for measurement of density and moisture content of soils and coal stockpiles.

Item 8. Training For Individuals Working In Or Frequenting Restricted Areas

The nuclear device will be used only by individuals who have completed the Davice Manufactures Training Program. Records documenting the training of such employees will be maintained for 2 years from the date the training is completed.

Item 9. Facilities and Equipment

Licensed material stored in an unrestricted area and not in storage will be tended under the constant surveillance and immediate control of the licensee. The device will be stored in a locked enclosure in a way that will prevent access by unauthorized persons.

10.1 Radiation Safety Program

Personnel monitoring equipment will be used by individuals entering restricted areas who receive or are likely to receive a dose in excess of 25% of the following doses. 1.25 rems to the whole body, head, and trunk, active blood forming organs, or gonads; 18.75 rems to the hands & forearms or feet and ankles; and 7.50 rems to the skin of the whole body. These doses are per calendar quarter.

Film badges will be used for monitoring of personnel and badges will be changes each month.

Item 10.2 Leak Testing

Leak tests for each sorce will be performed at 6 month intervals. The measurement of the leak test sample will be quantitative and be sufficiently sensitive to detect 0.0005 microcurie of radioactivity.

Test samples will be taken by Craig Bowers using the Troxler Model 3880 leak test kit or other approved equal. Troxler Electronics, 3008 Cornwallis Road, Research Triangle Park, N.C.

Item 10.3 Maintenance

Maintenance performed on the gauge will be done with the source safely shielded.

10.4 Transportation of Devices To Field Locations

Packing and transport of the devices will be carried out in accordance with applicable DOT regulations.

10.5 Operating and Emergency Procedures

Written operating and emergency procedures will be provided to each person who uses the gauge. The following procedures would be covered.

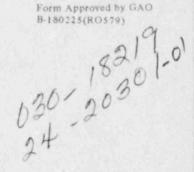
- 1) Use of personnel monitoring
- 2) Use of the device
- 3) Storage of the device
- 4) Transportation
- 5) Emergency procedures

11. Waste Management

Disposal of the nuclear sources will be by transfer to an authorized recipient who is a licensee specifically authorized to possess it.

- 2 -

Form NRC-313 (I) (3-80) 10 CFR 30



U.S. NUCLEAR REGULATORY COMMISSION

INSTRUCTIONS FOR PREPARATION OF APPLICATION FOR BYPRODUCT MATERIAL LICENSE

FORM NRC-313 (1)

GENERAL INFORMATION

An applicant for a "Byproduct Material (Radioisotopes) License," should complete Form NRC-313 (I) in detail and submit in duplicate to the U.S. Nuclear Regulatory Commission. The applicant should endeavor to cover his entire radioistope program with one application, if possible. However, separate applications should be submitted for gamma irradiators. Applications for medical uses should be submitted on Form NRC-313 (M) and applications for use of sealed sources in radiography should be submitted on Form NRC-313R. Supplemental sheets may be appened when necessary to provide complete information. Item 18 must be completed on all applications. Submission of an incomplete application will often result in a delay in issuance of the license because of the correspondence necessary to obtain information requested on the application.

NOTE. -When the application includes one of the special uses listed below, the applicant should request the appropriate pamphlet which provides additional instructions:

- 1 Industrial Radiography-"Licensing Requirements for Industrial Radiography" (use application Form NRC-313R for Radiography);
- 2 Laboratory ar Industrial Uses of Small Quantities-"Guide for Preparation of Applications for Laboratory and Industrial Uses of Small Quantities of Byproduct Material."

- 3. Broad License (research and development)-"Licensing Guide for Type-A Licenses of Broad Scope for Research and Development;"
- 4. Licensing Guides for the performance of well logging operations.
- 5. Licensing guide for the use of sealed sources in portable and semiportable gauging devices.

The Commission charges fees for filing of applications for licenses as specified in Section 170.12, Title 10, Code of Federal Regulations, Part 170. The applicant should refer to Section 170.31, Schedule of fees for materials licenses, to determine what fee should accompany the application. No action can be taken on applications until fees are paid. Checks or money orders should be made payable to the U.S. Nuclear Regulatory Commission.

Two copies of the completed Form NRC-313 (I) and two copies of each attachment thereto, should be sent to the Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguards. U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. One copy should be retained for the applicant's file. Applications may also be filed in person at the Commission's office at 1717 H Street, N.W., Washington, D.C. or at 7915 Eastern Avenue, Silver Spring, Maryland.

EXPLANATION OF FORM NRC-313 (I)

5.

6.

JUN 3 0 1982

Form NRC-313 (I) is designed for use in supplying information on programs of varying complexity. The applicant should provide complete information on his proposed program for the possession and use of licensed material. For those items that do not apply, indicate as N.A. (not applicable).

Item No.

- 1. Self-explanatory
- The "applicant" is the organization or persons legally res-2. ponsible for possession and use of the licensed materials specified in the application. CONTROL NO. 06560
- Self-explanatory 3
- Self-explanatory 4

The actual sites of use should be listed as indicated. Permanent facilities such as field offices for portable gauges or devices should be identified in Item 5 by Street, Address, City and S.ate. Temporary field locations of use should be specified as "temporary job sites of the applicant" and list the States throughout which the temporary job sites will be located. Attach additional properly keyed sheet if more space is needed.

Self-explanatory

The "Radiation Protection Officer" is the named individual who is expected to coordinate the safe use of the licensed material specified in the application and who will ensure compliance with the applicable parts of Title 10, Code of Federal Regulations.

 List by name each radioisotope to be possessed and used under the license. Example:

	A		В
(1)	Iodine-131	(1)	Iodide
(2)	Iodine-131	(2)	Iodinated Human
			Serum Albumin
(3)	Krypton-85	(3)	Gas
(4)	Cesium-137	(4)	Sealed Source
	С		D
(1)	Not Applicable	(1)	10 millicuries
(2)	N. A.	(2)	1 millicurie
(3)	N. A.	(3)	1 millicurie
(4)	Iso, Corp	(4)	2 source of 150

Model Z-78 millicuries each

Attach additional properly keyed sheets if more space is needed.

- 8.E State the use of each licensed material listed in 8.. B. C, and D.
- Description of containers and/or devices in which sealed sources listed in Item 8 will be stored or used. Example:

B Iso. Corp

	A	
1) #4 -	Source housing	

C Model Z-278

10-18 Self-explanatory. (For those items that do not apply, indicate as N.A. (not applicable).

PRIVACY ACT STATEMENT

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

- 1. AUT'IORITY Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
- PRL+CIPAL PURPOSE(S) The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30-36 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 byproduct material license or amendment thereof.
- 3. ROUTINE USES The information may be used: (a) to provide records to State health departments for their information and use; and (b) to provide information to Federal, State, and local health officials and other persons in the event of incident of exposure, for their information, investigation, and protection of the public liealth 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 a NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you. A copy of the license issued will routinely be placed in the NRC's Public Document Room, 1717 H Street, N. W., Washington, D.C.
- 4. WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION Disclosure of the requested information is voluntary. If the request internation is not furnished, however, the application for byproduct material license, or amendment thereof, will not be processed.
- SYSTEM MANAGER(S) AND ADDRESS Director, Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.