



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W., SUITE 2900
ATLANTA, GEORGIA 30323-0199

OFFICIAL RECORD COPY

APR 28 1994

Weirton Steel Corporation
ATTN: Mr. James H. Ekey
Industrial Hygienist
Environmental Control Department
400 Three Springs Drive
Weirton, WV 26062-4989

Docket No. 030-20180
License No. 47-23018-01
Control No. 255835

Gentlemen:

SUBJECT: LICENSE RENEWAL APPLICATION

This is to acknowledge receipt of your application for renewal of the nuclear material license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Any correspondence regarding your renewal application should reference the control number and license number specified above.

Sincerely,

Nuclear Materials Licensing Section
Division of Radiation Safety
and Safeguards

9406150266 940428
PDR ADOCK 03020180
C PDR

200124

ML20

BETWEEN:

(FOR LFMS USE)
INFORMATION FROM LTS

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03120
STATUS CODE: 2
FEE CATEGORY: 3P
EXP. DATE: 19940430
FEE COMMENTS:
DECJM FIN ASSUR REQ: N

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: WEIRTON STEEL CORP.
RECEIVED DATE: 940322
DOCKET NO: 3020180
CONTROL NO.: 255835
LICENSE NO.: 47-23018-01
ACTION TYPE: RENEWAL

2. FEE ATTACHED
AMOUNT: 670⁰⁰
CHECK NO.: ~~101499712~~

3. COMMENTS

SIGNED _____
DATE 3/23/94

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1-6)

1. FEE CATEGORY AND AMOUNT: 3P \$670

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
AMENDMENT _____
RENEWAL _____
LICENSE _____

3. OTHER _____

SIGNED _____
DATE 3/28/94

WEIRTON
STEEL CORPORATION

March 17, 1994

Nuclear Materials Licensing Section
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Ga 30323-0199

Dear Sir:

Please find the enclosed application for the renewal of By-Product Material License No. 47-23018-01 issued on April 28, 1989. We have reviewed the documents as submitted for a license on February 2, 1984 and the documents submitted in the application for renewal on March 13, 1989. This information is correct as of March 17, 1994 and we ask that these documents remain in force.

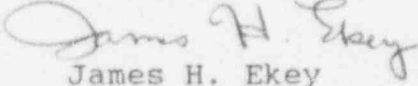
Weirton Steel Corporation asks for two modifications to License No. 47-23018-01. These are:

1. Condition 11 be modified to reflect the addition of another individual, John Chmielorski, to be responsible for Radiation Safety. This information is attached, which would be considered Attachment No. 23 of the license application dated February 2, 1984.
2. The Radiation Detection Instruments as described in Section 10.A of the original license application dated February 2, 1984 be changed from a three month to a six month calibration schedule with Applied Health Physics, Inc of Pittsburgh, PA continuing to provide calibration services. A sample of the Certificate of Calibration used by Applied Health Physics is attached.

It is understood that all of the conditions as described in License No. 47-23018-01 and any other additional conditions as prescribed by the Nuclear Regulatory Commission will continue to be followed by Weirton Steel Corporation.

Enclosed is a check for \$670.00 as the renewal fee. If you have any further questions, please contact me at (304) 797-2395.

Sincerely,


James H. Ekey

cc: G. P. Current
C. A. Francy
J. Chmielorski

License Fee Information
on Next Page



(6-93)
10 CFR 30, 32, 33,
34, 35, 36, 39 and 40

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERMITS AND APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137-5927

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

RADIOACTIVE MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARIA LANE
WALNUT CREEK, CA 94596-5368

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 JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER _____
- C. RENEWAL OF LICENSE NUMBER 47-23018-01

2. NAME AND MAILING ADDRESS OF APPLICANT (include Zip code)

Weirton Steel Corporation
Environmental Control Department
Weirton, WV 26062

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Facilities located adjacent to WV State Route 2 and
U.S. Route 22

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

James H. Ekey

TELEPHONE NUMBER

304-797-2395

SUBMIT ITEMS 5 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.

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 BE USED
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS
9. FACILITIES AND EQUIPMENT	10. RADIATION SAFETY PROGRAM
11. WASTE MANAGEMENT	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY <u>3P</u> AMOUNT ENCLOSED \$ <u>670.00</u>

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

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, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 82 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.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE
James H. Ekey, Industrial Hygienist

SIGNATURE
James H. Ekey

DATE
3/17/94

FOR NRC USE ONLY

TYPE OF FEE <i>Renew</i>	FEE LOG <i>Mag 7 II</i>	FEE CATEGORY <i>3P</i>	AMOUNT RECEIVED <i>\$ 670</i>	CHECK NUMBER <i>10199712</i>	COMMENTS
APPROVED BY <i>Rita Mason</i>				DATE <i>3/23/94</i>	

TRAINING & EXPERIENCE FOR JOHN CHMIELORSKIFORMAL TRAINING

<u>Where Trained</u>	<u>Duration</u>	<u>Training</u>
(a) Principles & practices of radiation protection		
West Liberty State College	10 Weeks 1974	Formal Course
Worked with James H. Ekey	20 Years 1974-94	On-the-Job
Worked with Clark A. Francy	17 Years 1977-94	On-the-Job
(b) Radioactivity measurement standardization and monitoring techniques and instruments		
West Liberty State College	10 Weeks 1974	Formal Course
Worked with James H. Ekey	20 Years 1974-94	On-the-Job
Worked with Clark A. Francy	17 Years 1977-94	On-the-Job
(c) Mathematics and calculations basic to use and measurement of radioactivity		
West Liberty State College	10 Weeks 1974	Formal Course
Worked with James H. Ekey	20 Years 1974-94	On-the-Job
Worked with Clark A. Francy	17 Years 1977-94	On-the-Job
(d) Biological effects of radiation		
West Liberty State College	10 Weeks 1974	Formal Course
Worked with James H. Ekey	20 Years 1974-94	On-the-Job
Worked with Clark A. Francy	17 Years 1977-94	On-the-Job

EXPERIENCE

<u>Isotope</u>	<u>Maximum Amount</u>	<u>Experience Gained</u>	<u>Duration</u>	<u>Type of Use</u>
Am-241	3 Curies	Weirton Steel	20 Years	Moisture
Cs-137	10 Curies	Weirton Steel	20 Years	Density

Mr. Chmielorski is also being scheduled for a NIOSH or other formal ionizing radiation training course in 1994.

03/17/94

