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Worm

GENERAL STEEL INDUSTRIES, INC.

GRANITE CITY, ILL.

April 9, 1963

Mr. William O. Miller
Isotopes Branch
Division of Licensing and Regulation
United States Atomic Energy Commission
Washington 25, D. C.



Dear Mr. Miller:

In reference to your letter of March 7, 1963 and our letter of March 15, 1963, the details of our program are as follows:

The training program will consist of 32 hours of class room instructions. There will be a short quiz at the end of each 8 hours of instruction, except for the last day when a comprehensive "final" examination will be given. The lectures and related instructions will be given by Messrs. W. E. Davis and/or R. W. Ripley. Following the text outline previously submitted, the time allotted for each subject will be as follows:

- I. A. Radiation 4 hours
- B. Glossary 2 hours
- C. Radiation Levels 2 hours
- D. Health Hazards from Radiation 2 hours
- E. Betatron 2 hours
- F. Methods of Controlling Radiation Dosage 3 hours

- II. A. Radiation Detection Instruments 3 hours
- B. Survey Techniques 3 hours

- III. A. Budd Company Exposure Device 1 hour

- IV. A. Regular Operation Procedure 2 hours
- B. Emergency Operation Procedures 1 hour

- V. A. Title 10, Part 30)
- B. " 10, Part 31) 2 hours
- C. " 10, Part 20)

ACKNOWLEDGED

GSI

A/14

VI. Review	3 hours
VII. Examination	2 hours

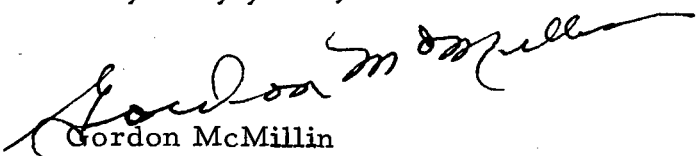
Periodic training falls into two categories. The first involves possible changes in equipment, technique, procedure, and AEC regulations, which, by their very nature makes it mandatory that the radiographer be fully informed, trained, and competent. The occurrence of these changes is completely unpredictable. When and if they occur each radiographer will receive all necessary training.

The second category consists of refresher instruction in radiation protection. The radiographer will be given a test, similar to the sample previously submitted, once each year. If an individual's grade drops below 20% of his previous test grade, he will receive 8 hours of refresher instructions covering the area of weakness exposed by his test grade. He will then be given a retest. All test results will be filed for AEC inspection.

When this program is approved it is our intention to have all radiographers listed on our A. E. C. license attend the 32 hours of class room work along with the first group of students.

The bibliography merely list sources of information for reference and additional reading. Through some circumstance we have not received the 12 copies of part 20, 30 and 31 of title 10 or license application forms 313 and 313b.

Very truly yours,


Gordon McMillin
Vice President-Manufacturing

GMcM:js

RADIOGRAPHERS TRAINING EVALUATION FORM

NAME _____ AGE _____ DATE _____

1. Lecture test grade _____
2. Text book test grade _____
3. Participation during lecture course _____

comments _____

as observed by _____

4. Proficiency at the end of 4 weeks in operation of:

	<u>good</u>	<u>adequate</u>	<u>poor</u>
A. Budd Co. Unitrons	_____	_____	_____
B. CS-40 A Survey Meter	_____	_____	_____
C. Victoreen Minometer & pocket chamber	_____	_____	_____
D. GSI Operating procedure	_____	_____	_____
E. Simulated Emergency Procedure			
Number 1	_____	_____	_____
Number 2	_____	_____	_____
F. Utilization log	_____	_____	_____
G. Personnel Monitoring records	_____	_____	_____

5. Comments _____

6. Recommendations:

- A. Additional 2 weeks "on the job training" _____
- B. Additional academic knowledge _____
- C. Qualifies as Radiographer _____

SIGNED _____

TRAINEE

RADIATION PROTECTION OFFICER

RADIOGRAPHERS TRAINING EVALUATION FORM

NAME _____ AGE _____ DATE _____

- 1. Lecture test grade _____
- 2. Text book test grade _____
- 3. Participation during lecture course _____

comments _____

as observed by _____

4. Proficiency at the end of 4 weeks in operation of:

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5. Comments _____

6. Recommendations:

- A. Additional 2 weeks "on the job training" _____
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- C. Qualifies as Radiographer _____

SIGNED _____
 TRAINER

_____ RADIATION PROTECTION OFFICER