

SEVEN K CONSTRUCTION CO.

770 Frontage Road
Northfield, IL 60093
312.441 5081



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May 7, 1985

✓ Ms. Carol Canel/
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, N. W.
Atlanta, Georgia 30323

Reference: Control Number 50548

Dear Ms. Canel:

Enclosed please find our amended Radiation Safety Program.
I trust it now includes those items we discussed. I have included
the original and a copy of the amended program.

The copy shows the added parts (yellow highlight) for your
convenience.

Thanks again for your assistance and please let me know if
there is any additional information needed.

Very truly yours,

SEVEN K CONSTRUCTION COMPANY

Robert C. Van Horn
Safety Superintendent

RCV/jae

Enclosure



RADIATION SAFETY PROGRAM

I. Radiation Safety Officer

A. Robert VanHorn has been designated as the company Radiation Safety Officer and will assume responsibility for the following:

1. Ensure the terms of the license are being met and that the information in the license is up-to-date.
2. Develop and implement a safety training program for:
 - a. People working in the area but who have no responsibility for handling the equipment.
 - b. People who handle the equipment.
 - c. People who will be involved in case on an emergency.
 - d. To see that all people involved read and understand the radiation safety operating and emergency procedures.
 - e. All users will be provided with written instructions and emergency procedures.
 - f. All users will be given step by step procedures explaining how the device should be used. Including the Radiation Safety Program and the Troxler gauges manual for that particular equipment.
3. Ensure the equipment is leak tested on a regular basis in the manner prescribed by the manufacturer.
4. Maintain required records including personnel exposure, leak tests, and training certificates.
5. Authorize individuals who may use the equipment. Ensure only authorized individuals use the equipment and that all users wear personal monitoring equipment.
6. Serve as the contact for any emergency involving the equipment and to notify the proper authorities in such cases.
7. Ensure that the equipment is properly secured against unauthorized removal when not in use.

II. Operating Procedures

A. Utilization Procedures

1. The authorized user must maintain control over the gauge at all times in the field.
2. During use the user will wear the personal monitoring device assigned to him. When not using equipment, monitoring device



II. A. 2. (continued)

is to be stored in the radiation free area designated in the office.

- a. The personal monitoring device will be manufactured by R. S. Landauer, model B-1, whole body type. It shall be exchanged on a monthly basis.
3. When not making measurements, the gauge should be placed in the transportation case and returned to its permanent storage area as soon as possible.

B. Transportation of Equipment

1. The equipment shall be fully secured in the transportation vehicle and kept as far away from the passenger compartment as possible. If transporting in car or van, the vehicle will be locked; in an open bed vehicle the gauge will be secured to the truck body.
2. The gauge will be transported in the Troxler transportation case. The US Department of Transportation requires that the gauge be transported in a properly labeled carrying case.
3. At all times during transport the operator will have a properly completed Bill of Lading for each gauge.

C. Maintenance and Leak Test Procedures

1. Regular maintenance will include cleaning of gauge. During any handling of equipment personal monitoring devices will be worn.
2. The radioactive source will never be removed from the gauge. For that type of maintenance the gauge is to be returned to the manufacturer.
3. The Troxler model 3880 Leak Test Kit will be used for leak tests. Manufacturers's instructions will be followed. The personal monitoring device is to be worn during the leak test. Gauges will be leak tested at least every six months.
4. The source will always be in the shielded position during leak tests and maintenance.

D. Emergency Procedures

1. In the event of damage to the gauge do the following:
 - a. Immediately cordon off an area of 15 feet radius.

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II. D. 1. (continued)

- b. Any vehicles involved must be stopped until the extent of contamination is established.
 - c. Make a visual inspection of the gauge to determine if source housing or shielding has been damaged.
 - d. Once the situation is under control, quickly contact R. VanHorn at 385-6622. Describe the present situation and follow the instructions of the Radiation Safety Officer R. VanHorn at 385-6622.
2. If gauge is lost or missing, immediately notify the Radiation Safety Officer, Robert VanHorn at 385-6622.