

Walashek Enterprises Inc.

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17 July 85

TO: US NUCLEAR REGULATORY COMMISSION REGION V 25 AM 11:18
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA. 94596

REGION V IRE

Gentlemen,

Please find enclosed check for \$230.00 and application for amendment to license no. 53-23225-0, Docket no. 030-20386

The following changes to item 10 of the license are requested.

1. Change of address (item three of application).
2. Incorporation of permanent radiographic facility to be constructed at new location (item 9 of application).

See attached SK-1 and SK-2 for plot plan and shooting room details.

Shooting room data is as follows:

- A. Walls to be constructed of solid masonry. All wall thicknesses shall be 2½ feet. Roof shall be 16 inches thick.
- B. The building roof which will be 16 feet above the roof of the shooting room will be an unrestricted area. The shooting room roof will be a restricted area and shall be equipped with permanently attached radiation warning signs. Access will not be provided to the shooting room roof and will be under the radiographers direct surveillance during all radiographic operations.
- C. The shooting room shall be equipped with a visual alarm to indicate radiation in excess of 2 MR/hr. An audio alarm shall also be provided to warn anyone attempting to enter the shooting room. This shall be accomplished thru an interlock on the entrance door.
- D. Radiation calculations.

An IR-192 80 Curie source assumed to be positioned 2½ feet from any wall and 7 feet from the roof was used for the following calculations.

1. Radiation level at outside wall surface-less than 2 MR/hr
2. Radiation level on restricted shooting room roof- less than 25 MR/hr
3. Radiation level on unrestricted building roof - less than 0.1 MR/hr

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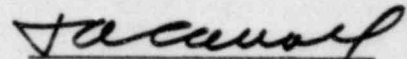
License Fee Information
on Form NRC-100

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E. Shooting room restrictions.

1. Maximum of 80 Ci of IR-192 to be used for radiography.
2. Source tube tip to be located as equidistant from walls as is practicable.
3. Collimator or other shielding to be used for all radiography.

Sincerely,



Timothy A. Carroll
General Manager