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VOID SHEET

TO: License Fee Management Branch
FROM: Region 4
SUBJECT: VOIDED APPLICATION

Control Number: 446480 (35-11581-02)
Applicant: U.S. Environmental Protection Agency
Date Voided: 7/2/93

Reason for Void: Application
Application; mc #464323. All reviews
accomplished

140298

Jacqueline A. Brooks 7-2-93
Signature Date

Attachment:
Official Record Copy of
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- Refund Authorized and processed
- No Refund Due
- Fee Exempt or Fee not Required

Comments: _____
9312210386 930720 _____
PDR ADOCK 03009517 _____
C PDR _____

Log completed
Processed by: [Signature]

ML40

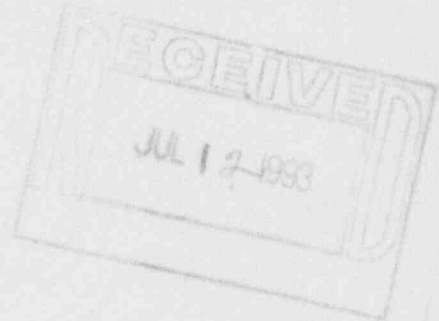


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ROBERT S. KERR ENVIRONMENTAL RESEARCH LABORATORY

P. O. BOX 1198
ADA, OKLAHOMA 74820

July 8, 1993



Mr. Jack Whitten
U.S. Nuclear Regulatory Commission, Region IV
Material Radiation Protective Section
611 Ryan Plaza Drive, Suite 76011
Arlington, TX 76011

Dear Mr. Whitten

To expedite approval of our requested amendment to our license number 35-11581-02, the following information is provided.

1. Use of device-- This Fixed Moisture Density Gauge will be used to measure thickness, density, or chemical composition of physical models. The model being tested will be exposed to either source, or both sources, as needed to obtain the desired data. The device containing the sources will be transported up to six feet vertically and twelve feet horizontally with the gamma positioner to expose the model to the sources in the device. The gamma positioner and device will always remain in Room 9. The location of the unit is shown in the attached drawing.

The movement of the detector and device will be done automatically. Personnel will only have to be near the device to open or close the sources or to exchange the collimator. Opening and closing of the sources will only have to be done once a day usually, and changing the collimator much less frequently.

2. Security of Device-- The device is provided with a lock to secure the sources in a closed position when not in use. Only authorized and trained personnel will have access to the key for the lock. The doors to the room will also be locked to prevent unauthorized personnel from entering the room when device is unattended.

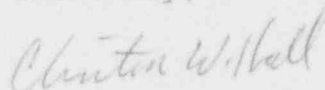
3. Procedures for assembly and disassembly of the device-- A protected area will be established by lining a sturdy table with lead bricks and building a vertical wall in between the sources and the person performing the installation of the sources. The sources will be handled only with tongs that provide at least 24 inches of separation between the source and

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the installer. The dose estimated at 24 inches should be approximately 7 mr/hr. The maximum exposure time for the individual is approximately 17 minutes out of one hour. The radiation dose will be monitored constantly by a survey meter while performing this procedure. The individual will wear a film badge and also a ring badge to monitor exposure.

If you need additional information, please let me know.

Sincerely,



Clinton W. Hall
Director, RSKERL

Enclosure

RECEIVED
JUL 12 1993

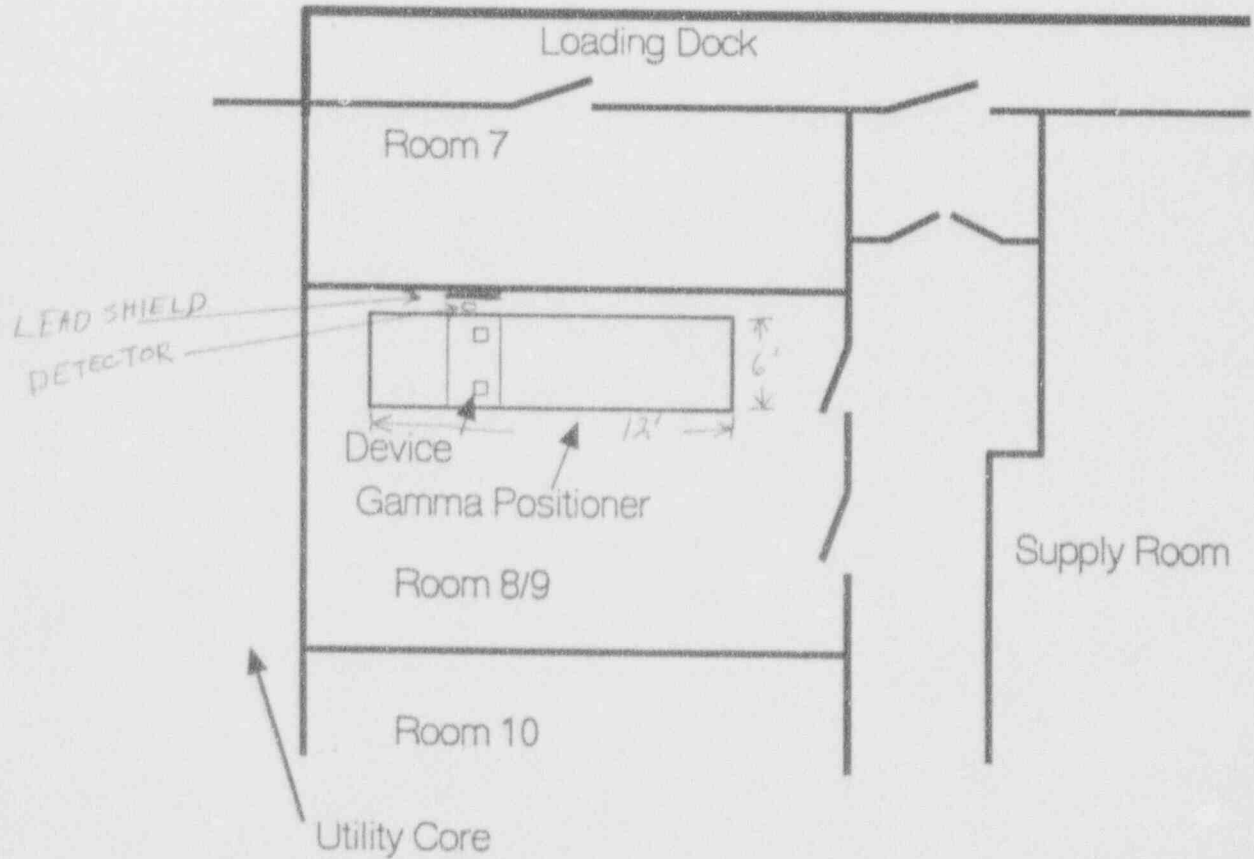


Figure 1 Floor Plan (no scale)