

Welcomp, Inc.
1126 Hickory, P.O. Box 486
Olney, IL 62450

July 29, 1985

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Gentlemen:

This is in reference to Welcomp, Inc.'s request for an amendment to NRC License
12-19985-01.

This letter should help clarify the letter dated July 8, 1985. The control
number for this correspondence is 79037.

Tracer Material is prepared in the field.

Iodine 131 and Iridium 192 are stored in down hole storage.

Sealed sources are stored on the trucks. Trucks are not kept in certain
pre-arranged bays. Truck A may be in the first bay one day and the next day
it may be parked in the second bay. Source holders are bolted and chained to
the truck. When trucks are stored over-night in machine shops, auto repair shops,
ect., sources are removed and stored in the Radiation Source Area. See attachments
7 - 11.

The building is secured with key locks. Overhead doors lock and unlock from
the inside of the building. Keys are issued to designated users.

Utilization logs are filled out any time a source leaves the building. See
attachment 12.

Sincerely,

Donald A. Gherardini
Donald A. Gherardini

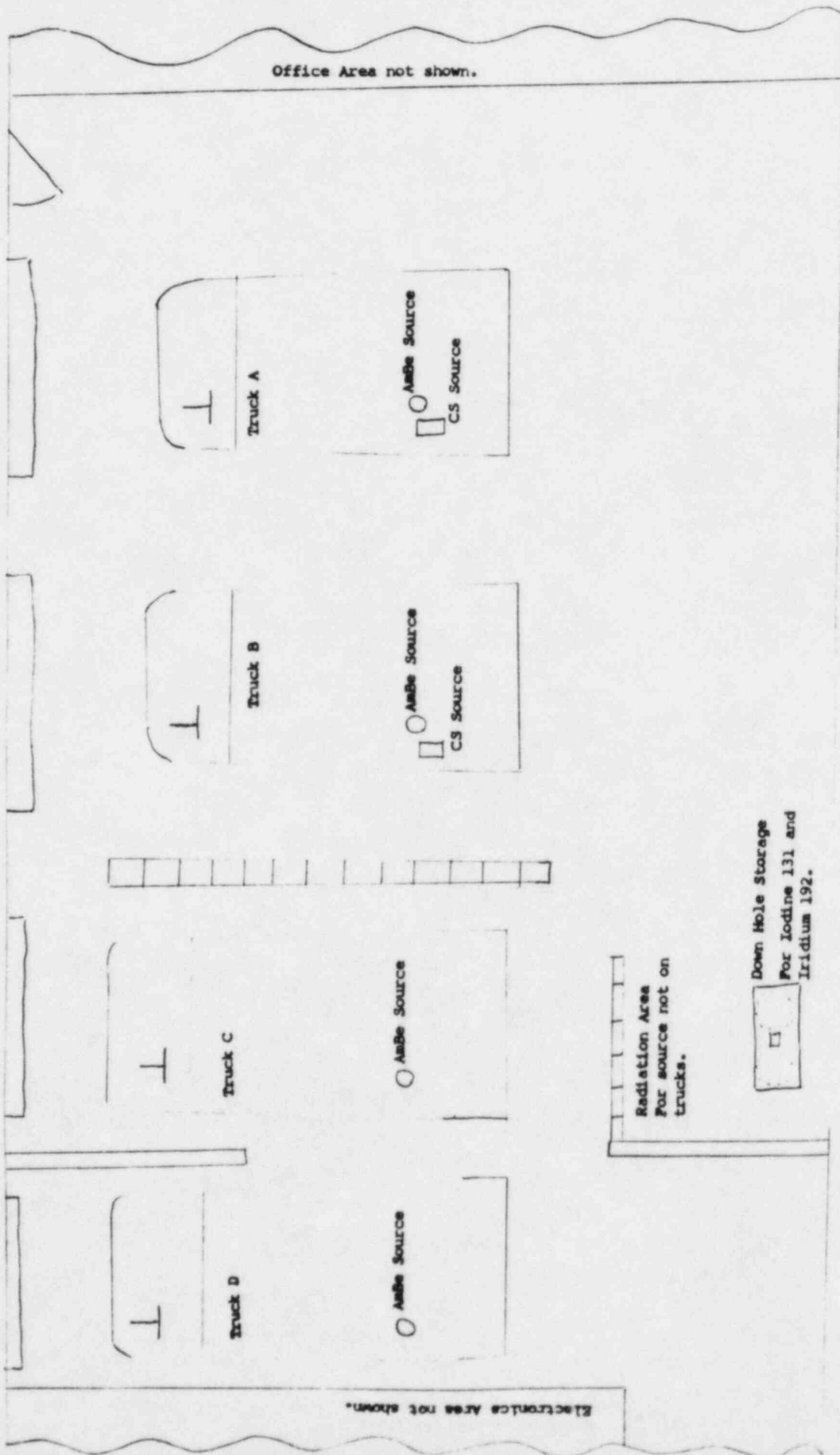
Manager

Welcomp, Inc.

8509130105 850808
REG3 LIC30
12-19985-01 PDR

RECEIVED
AUG 5 1985
REGION III

AUG 5 1985



Office Area not shown.

Truck A

AmBe Source
CS Source

Truck B

AmBe Source
CS Source

Truck C

AmBe Source

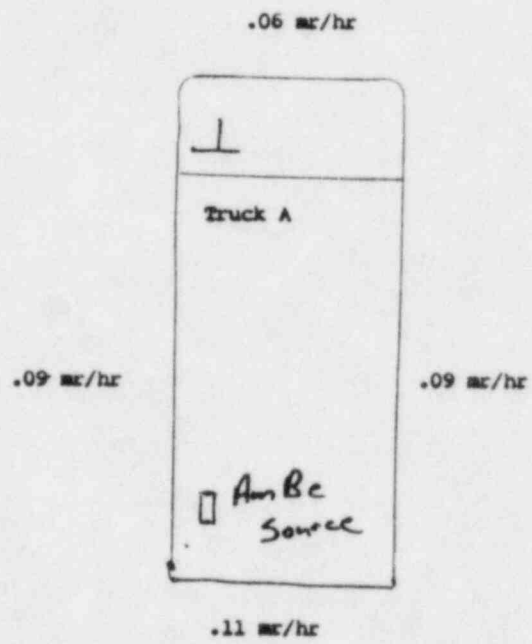
Truck D

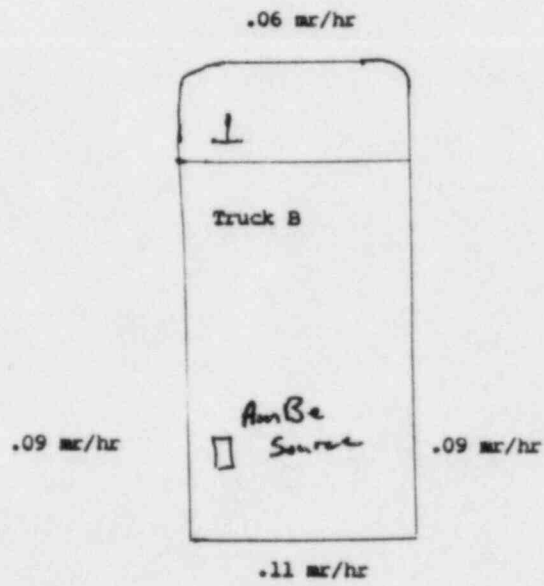
AmBe Source

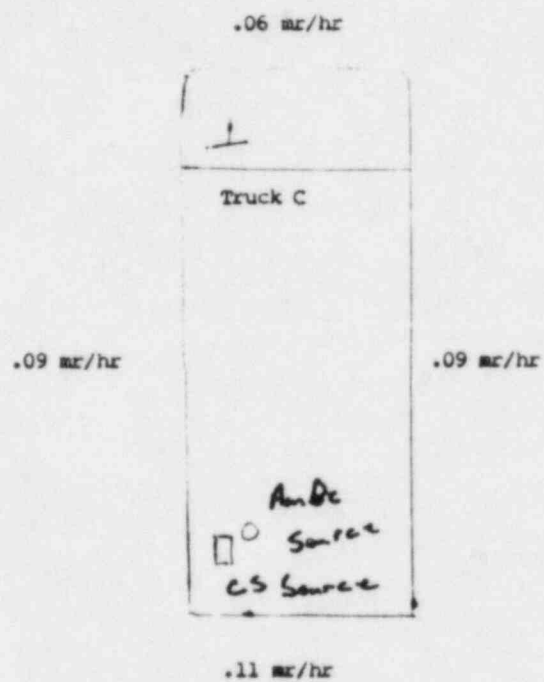
Radiation Area
For source not on
trucks.

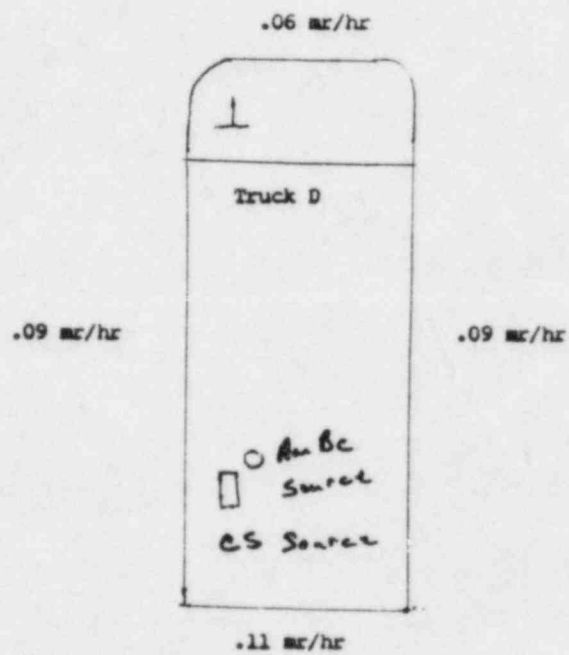
Down Hole Storage
For Iodine 131 and
Iridium 192.

Electronics Area not shown.









Welcom

(618) 300-0000

P.O. Box 486 • Olney IL 62450

Date and Time In 7/29/85 6:05 AM

Date and Time Out 7/29/85 2:20 AM

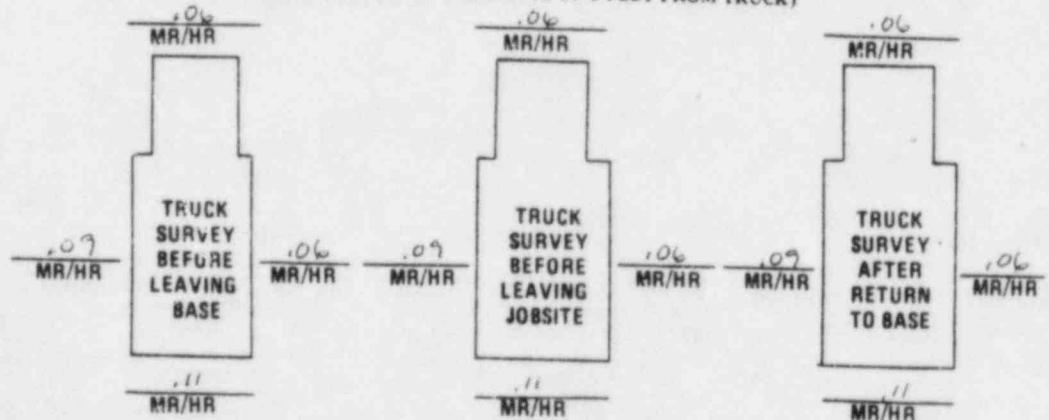
#4602 & #4601

HAZARDOUS MATERIAL IN TRANSIT (49 CFR 172.200)**SHIPPERS CERTIFICATION FOR RADIO-ACTIVE MATERIALS/FEDERAL NRC LICENSE NO. 12-19985-01**

NATURE AND QUANTITY OF CONTENT				PACKAGE			
RADIOISOTOPE	GROUP	FORM	ACTIVITY	SERIAL NUMBER	CATEGORY	TRANSPORT INDEX	TYPE
Name or Symbol Principle Radio-Active Content	Group Number Of Groups I to VII	Chemical Form And Physical State (Gas/Liquid/Solid) On Special Form Or Special Encapsulation	Quantity		I-White II-Yellow III-Yellow Label	For Yellow Label Categories Only	Industrial Type A Type B
Radioactive Material N.O.S. Cargo Only Aircraft					ON SURFACE	AT 3 FEET	
IODINE-131	III	LIQUID SOLID					B
AMERICIUM-241 BERYLLIUM	I	"SPECIAL FORM"	3 can.	T-102	II	1.25 mR/hr	A
IRIDIUM-192	III	LIQUID SOLID					B
CESIUM-137	III	"SPECIAL FORM"	2 can	CSV F-6	II	1.22 mR/hr	A
SCANDIUM-46	III	LIQUID SOLID					B

SURVEY METER MAKE Victorcan MODEL 493 SERIAL NO. 4052

(ALL READINGS TAKEN AT A DISTANCE OF 3 FEET FROM TRUCK)

WELLHEAD SURVEY BEFORE JOB 0.05 MR/HR AFTER JOB 0.05 MR/HRTRUCK NO. 347 DRIVER(S) Donald A. GherardiniROUTE TO JOBSITE AND RETURN RT 130 N to Ill Rd # 1000 N to base rd
Return base rd to Ill Rd # 1000 to RT 130 S

I hereby certify that the contents of this consignment are fully and accurately described above by Proper Shipping Name and are classified, packed, marked, labelled and in proper condition for carriage according to applicable national governmental regulations.

Name and full address of Shipper

Welcom, Inc.
1126 Hickory PO Box 486
Olney IL 62450

Name and title of person signing Certification

Donald A. Gherardini RSO

Signature of the Shipper (See WARNING above)

WELCOMP, INC.
1126 Hickory
Olney, IL 62450

July 8, 1985

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Gentlemen:

This is in reference to Welcomp Inc.'s request for an amendment to NRC License#12-19985-01. This information should help your review of our license.

1) Mid-States Logging & Perforating Co., Inc. has changed its name to Welcomp, Inc. The ownership of the company has not changed, nor have the principal users of the radioactive material or the operating and emergency procedures.

2) Welcomp, Inc.'s new facility is located at 1126 Hickory, Olney, Illinois.

Welcomp, Inc. is located in the south perimeter of Olney.

To the north of Welcomp, Inc. is a vacant house. This house is 30 feet from our building.

To the east is a filling station. This business is 90 feet from our building.

To the southeast is an oil service company. This business is 100 feet from our building.

To the south is a vacant warehouse. This business is 225 feet from our building.

To the northwest is an occupied house. This home is 200 feet from our building.

To the west is an occupied house. This home is 400 feet from our building. (Diagram 1 enclosed)

3) Enclosed are Diagrams 2 and 3. These give two views of Welcomp Inc.'s down-hole storage. The lid is recessed in, designed to exclude water and equipped with a locking device.

Iridian-192 is the only source stored in Welcomp, Inc.'s down-hole storage.

Iridian-192 is purchased from Gulf Nuclear in 10 MCI quantities.

4) Equipment to minimize radiation exposure and surface contamination are the following items:

First aid kit
Kim-Wipes (industrial type)
Sponges
Large and small polyethylene storage bags for containing contaminated equipment, sponges, etc.
Protective clothing
Two remote handling tongs

~~4509130070~~

Masking and plastic electrical tape
Labels for the return of radioactive waste
Dosimeter and charger
Film badges
Concentrated wash solution
Low-level survey meter
Plastic tray

5) Radioactive material necessary to be disposed of is shipped immediately to Gulf Nuclear, Inc. for disposal. Radioactive material necessary for disposal is kept in the Radioactive Storage Area until it can be shipped.

6) The Mid-States facility at Fairfield, Illinois was closed on June 1, 1985. A radiation survey was performed. Exposure rate measurements were taken in numerous areas in and around the Fairfield premises. Exposure rates were .05 to .13 mR/h. A Victoreen survey meter, Model 493, Serial #3413 was used for the survey. This meter was calibrated by Gulf Nuclear, Inc.

After the survey, the radiation source area and the rest of the shop were steam cleaned. Leak wipe tests were taken after the cleaning.

Professional cleaning was done by the new owners of the building.

Radioactive survey was taken in the only drain in Mid-States Logging & Perforating Co., Inc.'s shop.

Counts per minute observed by the Victoreen survey detector, above background, efficiency and geometric factors associated with the instrumentation, were not detectable.

a. A diagram of the Mid-States, Fairfield IL facility is enclosed. Survey and wipe tests were performed in the marked locations. Survey results are noted above.

Wipe test analysis have been returned. Close out survey of the radiation room and close out survey of the floor drain show -0- Disintegration per minute. Certificates of Wipe Test Results are attached. (Attachments 5 & 6)

b. Donald A. Gherardini performed the survey.

c. The survey was performed June 27, 1985.

d. A Victoreen Model 493 survey meter was used. Model ITK-1 Leak Test service kits were used.

e. Background readings were .05 to .13 mR/h with the Victoreen meter.

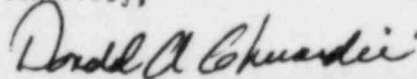
f. The meter was last calibrated January 19, 1985.

7) Radioactive materials were never stored or used at the proposed Route 130 N., Albion, Illinois facility.

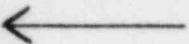
Please continue to review our request for amendment to ARC License No. 12-19985-01. Control No. for this request is 79037.

Please be advised that Mike Clayton is no longer with Welcomp, Inc.

Sincerely,

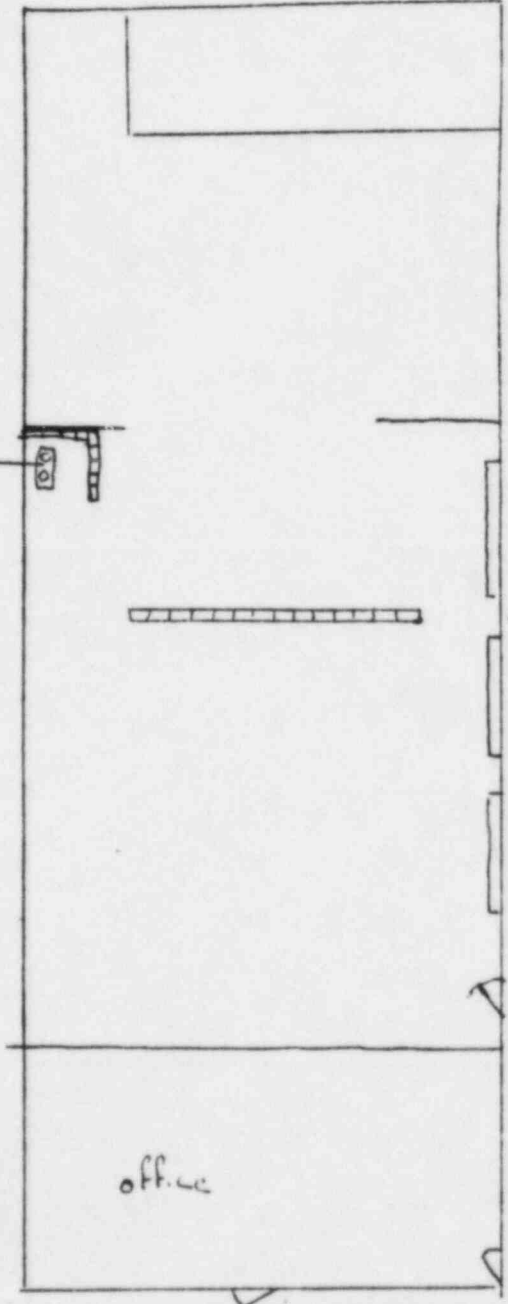


Donald A. Gherardini
Manager
WELCOMP, INC.



Vacant house
30 feet

Occupied house
200 feet



Occupied house
400 feet



Gas Station
90 feet



Oil Service Company
100 feet



Vacant Warehouse
225 feet



Diagram 2

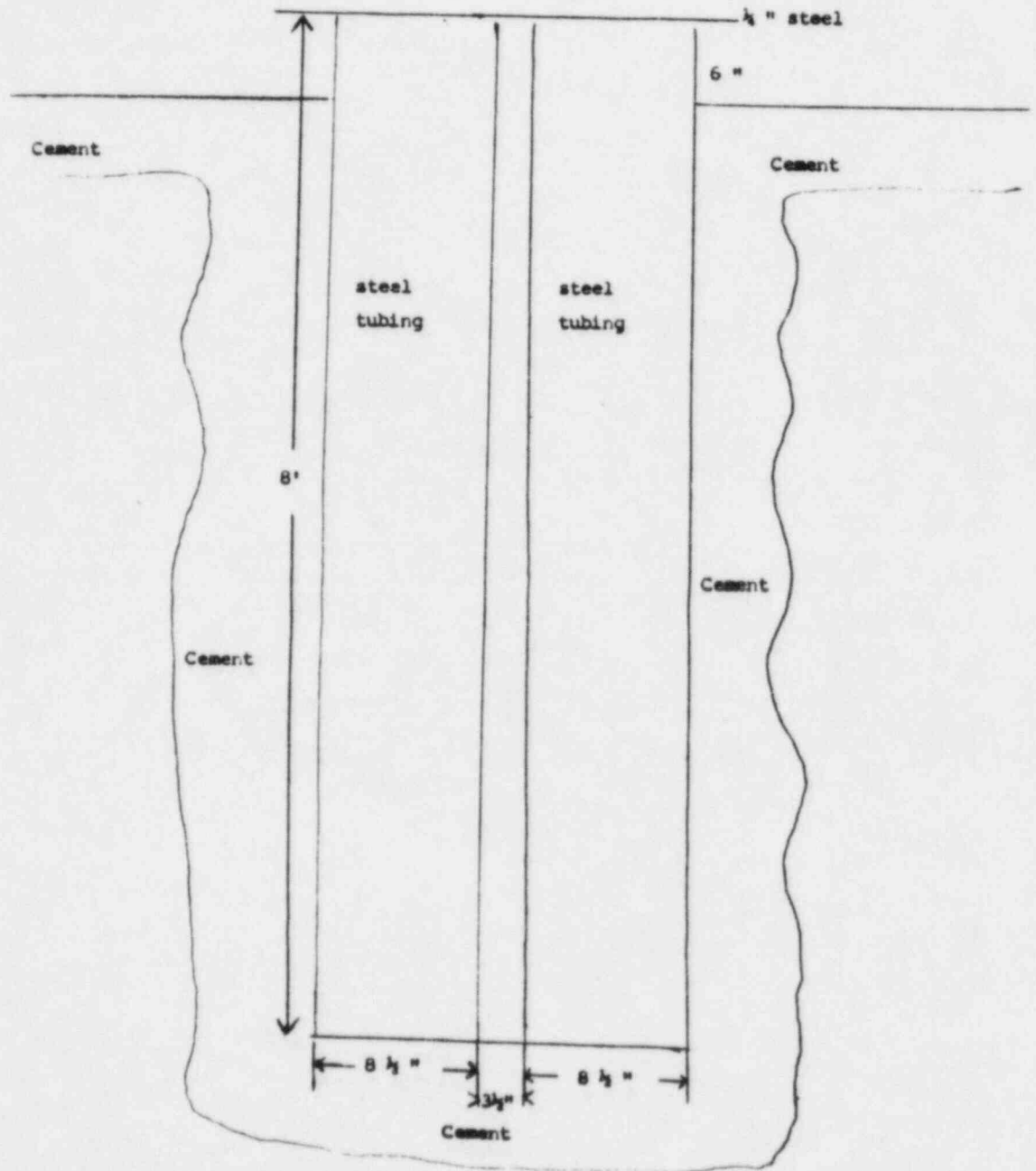
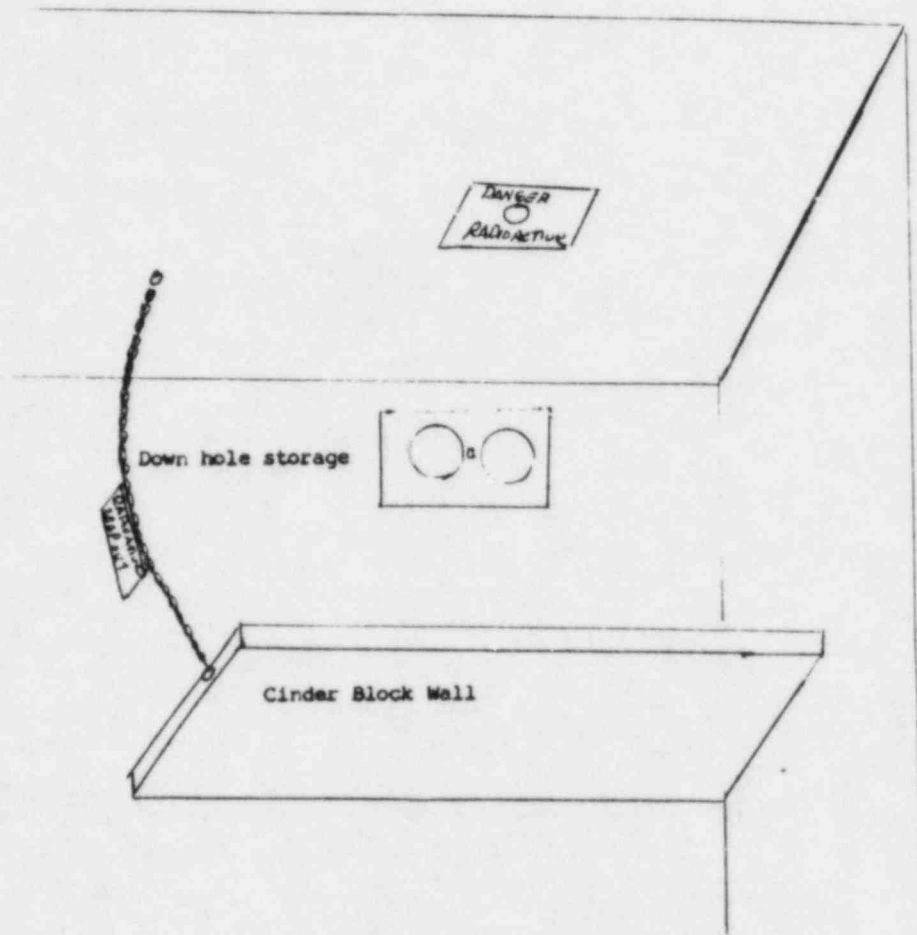
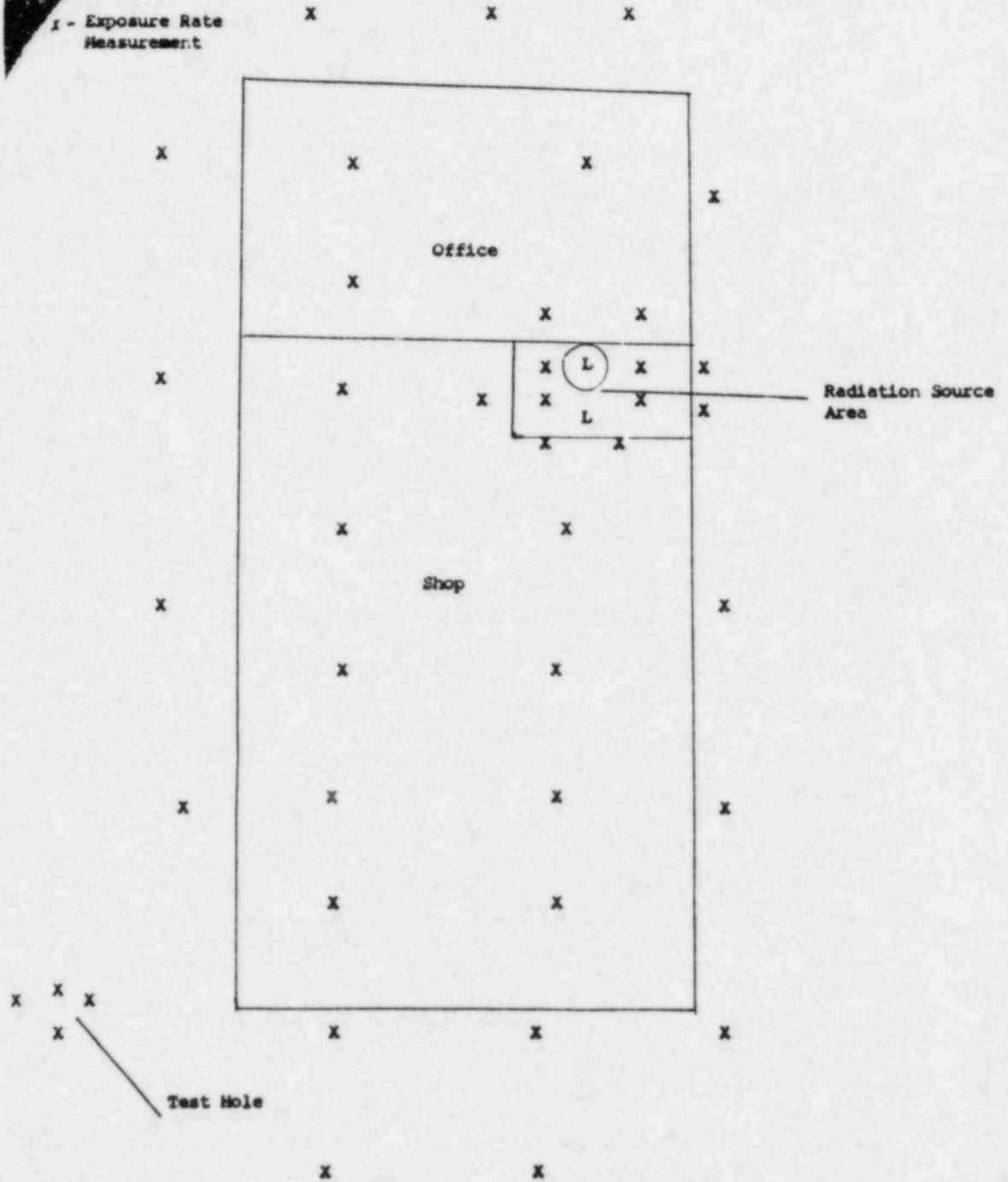


Diagram 3



Fairfield, Illinois Facility

Leak Test
X - Exposure Rate
Measurement





GULF NUCLEAR, INC.

202 MEDICAL CENTER BLVD. WEBSTER, TEXAS 77598 (713) 332-3581

WIPE TEST ANALYSIS

CUSTOMER:

Welcomp, Inc.

1126 Hickory

P.O. Box 486

Olney, IL 64850

DESCRIPTION OF WIPE:

Close Out-Radiation Room Floor

ISOTOPE N/A

DPM* -0-

TEST DATE June 27, 1985

THIS IS TO CERTIFY THAT THE WIPE TEST INDICATED ABOVE HAS BEEN COUNTED ON THE SPECIFIED DATE AND THE RESULTS SHOWN ACCURATELY REPRESENT THE LEVEL OF REMOVABLE CONTAMINATION.

*DISINTEGRATIONS PER MINUTE.

COUNTED BY Q. Stokley

DATE July 15, 1985

APPROVED BY: C. P. Hympt

TITLE Radiation Protection Officer

**GULF NUCLEAR, INC.**

202 MEDICAL CENTER BLVD. WEBSTER, TEXAS 77598 (713) 332-5581

WIPE TEST ANALYSIS

CUSTOMER:

Welcomp, Inc.1126 HickoryP.O. Box 486Olney, IL 64850

DESCRIPTION OF WIPE:

Close Out Survey - DrainISOTOPE N/ADPM* -0-Less than 1×10^{-4} MicrocuriesTEST DATE June 27, 1985

THIS IS TO CERTIFY THAT THE WIPE TEST INDICATED ABOVE HAS BEEN COUNTED ON THE SPECIFIED DATE AND THE RESULTS SHOWN ACCURATELY REPRESENT THE LEVEL OF REMOVABLE CONTAMINATION.

*DISINTEGRATIONS PER MINUTE.

COUNTED BY Q. StokleyDATE July 15, 1985

APPROVED BY:

C.P. HyattTITLE Radiation Protection Officer