

68-2-8669
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

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Diagram 4

Fairfield, Illinois Facility

L - Leak Test

X - Exposure Rate
Measurement

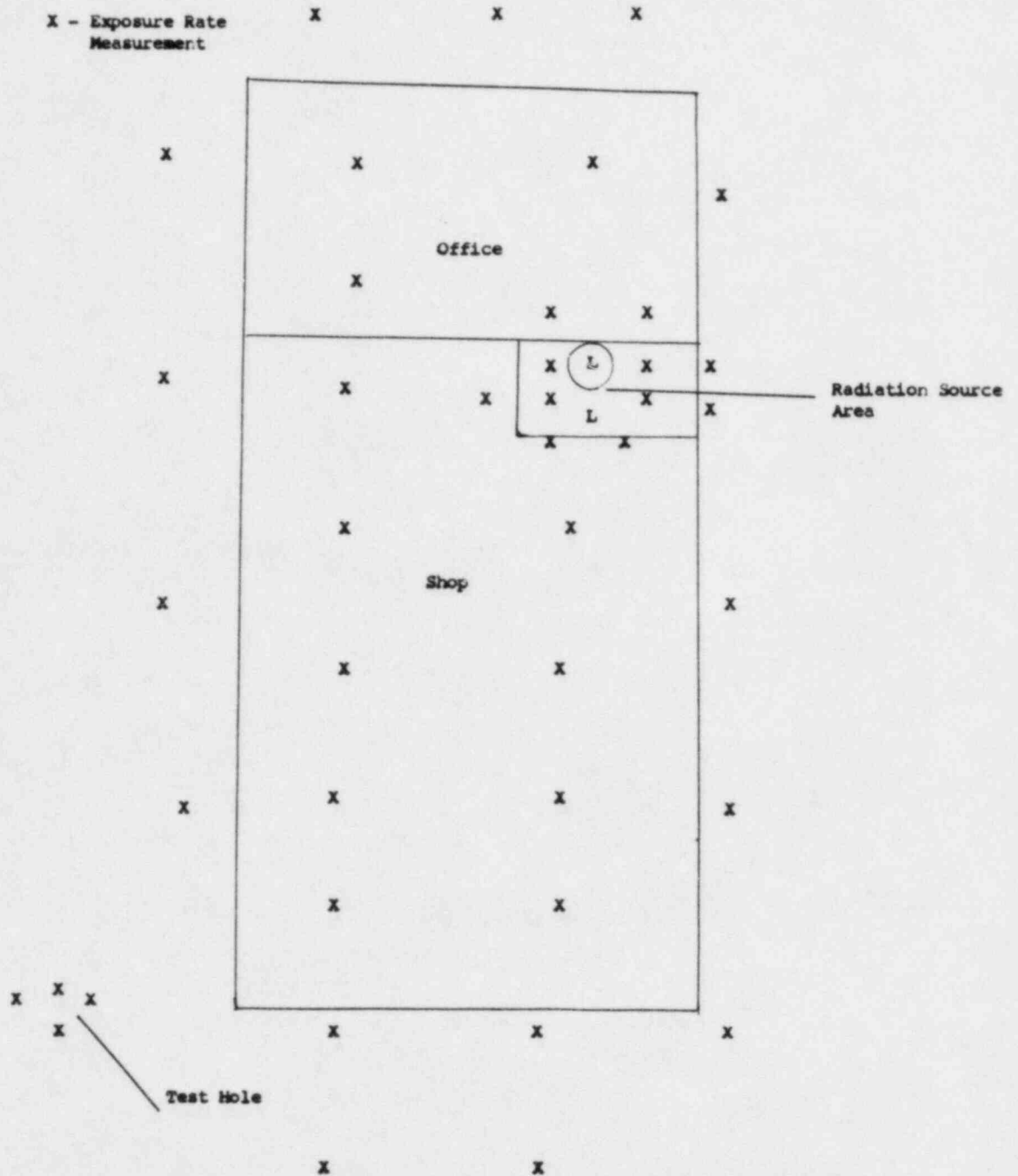


Diagram 3

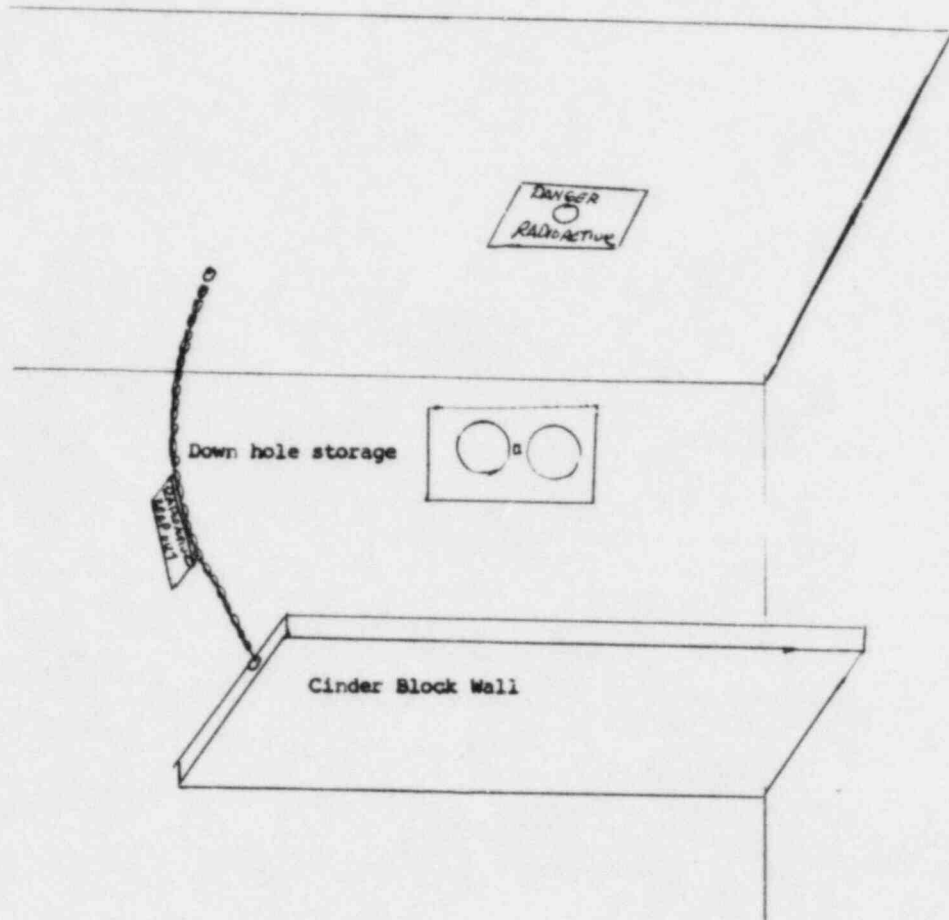
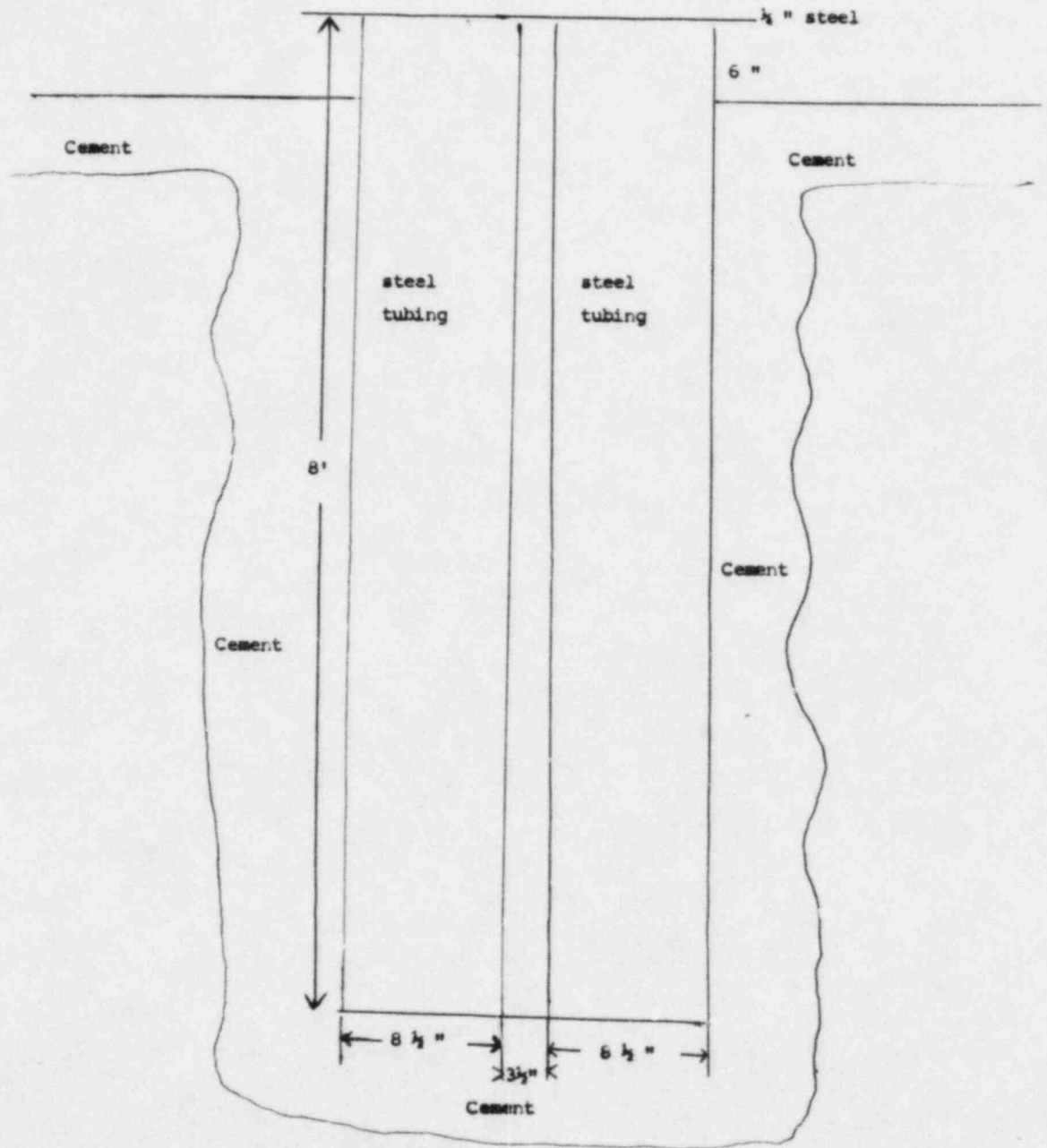


Diagram 2



Vacant house
30 feet

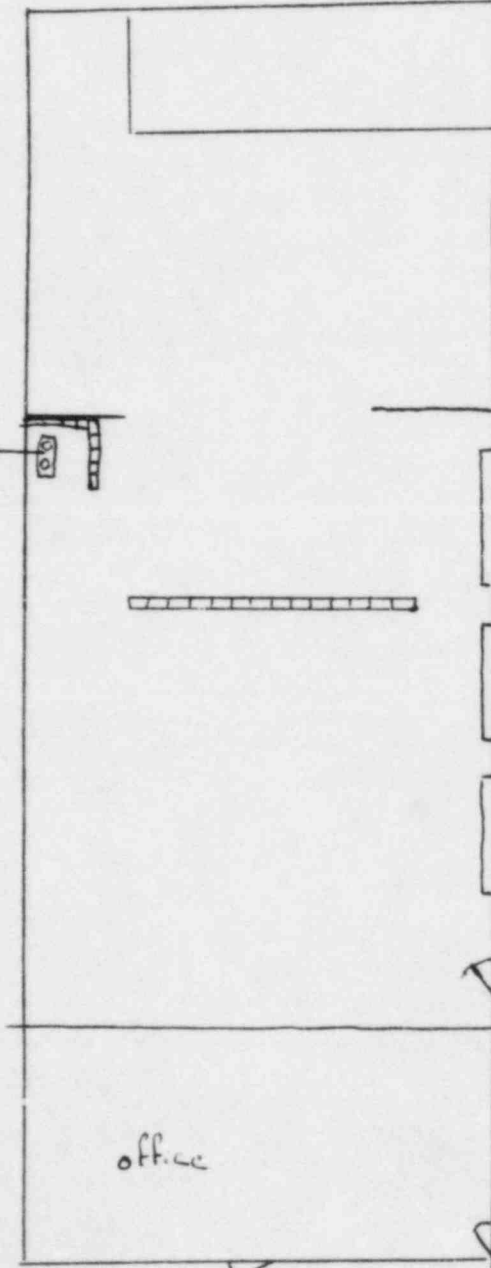
Occupied house
200 feet

Occupied house
400 feet

Vacant Warehouse
225 feet

Oil Service Company
100 feet

Gas Station
90 feet



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.

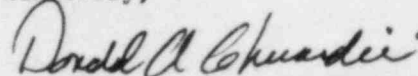
f. The meter was last calibrated February 19, 1985.

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 NRC 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.

**GULF NUCLEAR, INC.**

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

WIPE TEST ANALYSIS

CUSTOMER:

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

DESCRIPTION OF WIPE:

Close Out-Radiation Room FloorISOTOPE N/ADPM* -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. StokleyAPPROVED BY: C. P. HyattDATE July 15, 1985TITLE Radiation Protection Officer

**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 Survey - Drain
ISOTOPE N/A
DPM* -0-
Less than 1×10^{-4} Microcuries
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 O. Stokley

APPROVED BY:

C. P. HysmithDATE July 15, 1985TITLE Radiation Protection Officer