



July 31, 1981

U. S. Nuclear Regulatory Commission
Division of Material and Fuel Cycle
Facility Licensing
Washington, DC 20555

Gentlemen:

Re: License No. 29-05364-01

In accordance with the terms of our license, we are enclosing a radiation level survey report. On July 8, 1981, we increased the cobalt-60 curie content of the irradiator to approximately 1,667,000 curies and rearranged source elements. Readings were taken with an Eberline Meter, Model E-120 with an HP21C Pancake Probe calibrated June 19, 1981.

Very truly yours,

ISOMEDIX, INC.


George R. Dietz
Radiation Protection Officer

GRD:of
Enclosures

cc: U. S. Nuclear Regulatory Commission
Region I
Office of Inspection and Enforcement
631 Park Avenue
King of Prussia, PA 19406

8507200009 850510
PDR FOIA
GLOWACK85-111 PDR

ISOMEDIX INC.

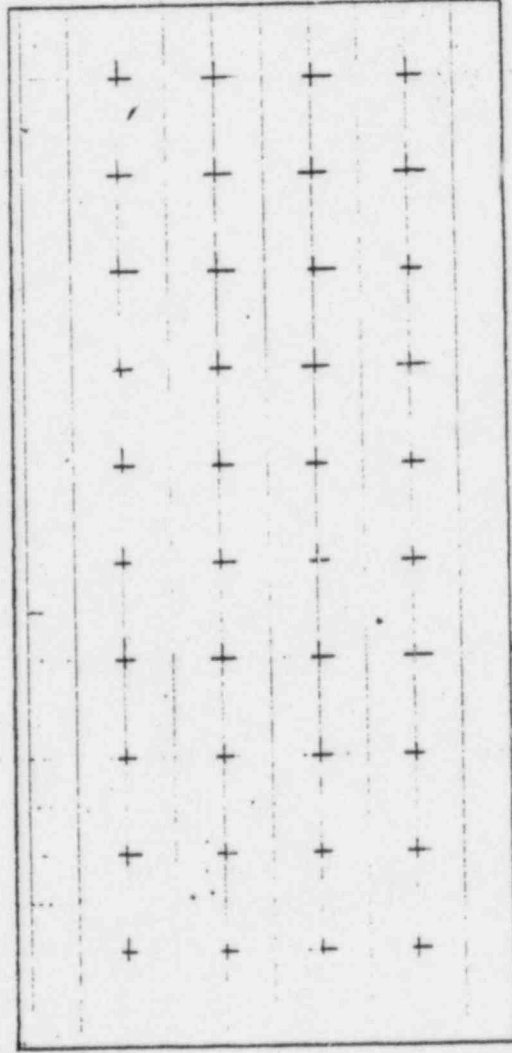
CORPORATE OFFICES • 80 SOUTH JEFFERSON ROAD, WHIPPANY, NEW JERSEY 07981 • (201) 887-4700

215 Copy

South Well

$\frac{1}{4}" = 1.5'$

Isosurfaces



All readings less than .1 m/lm

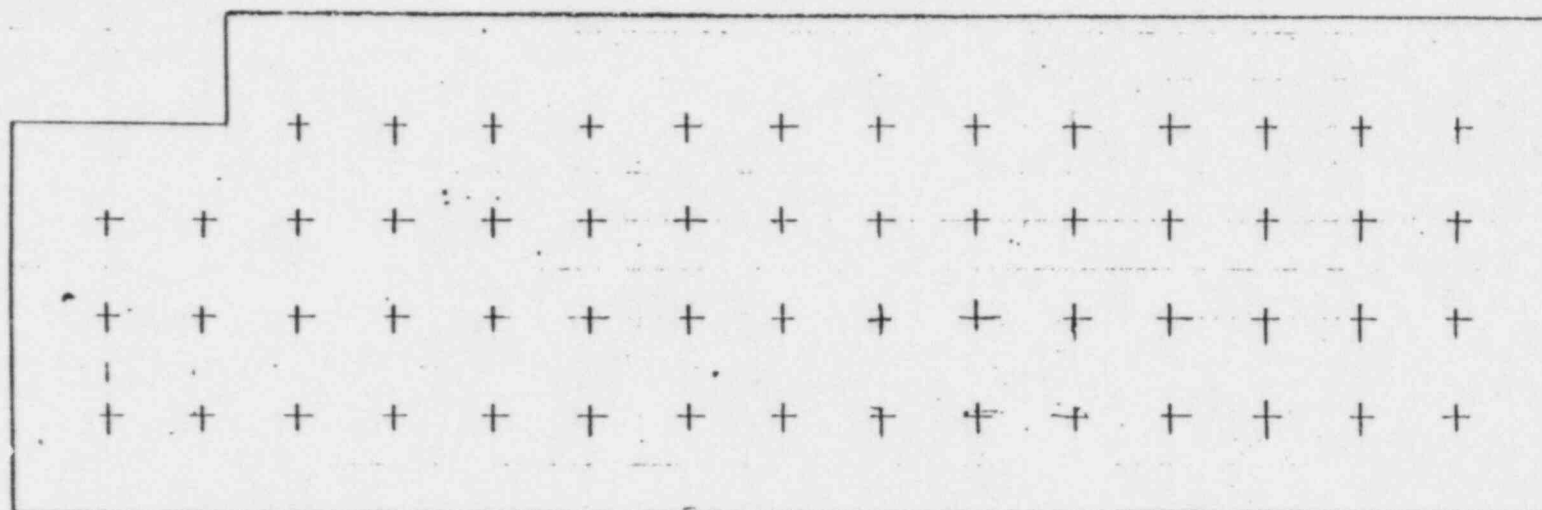
1,667,000 ci CO-60

7-8-81

West wall

$\frac{1}{4}" \approx 1.5'$

Isomedix

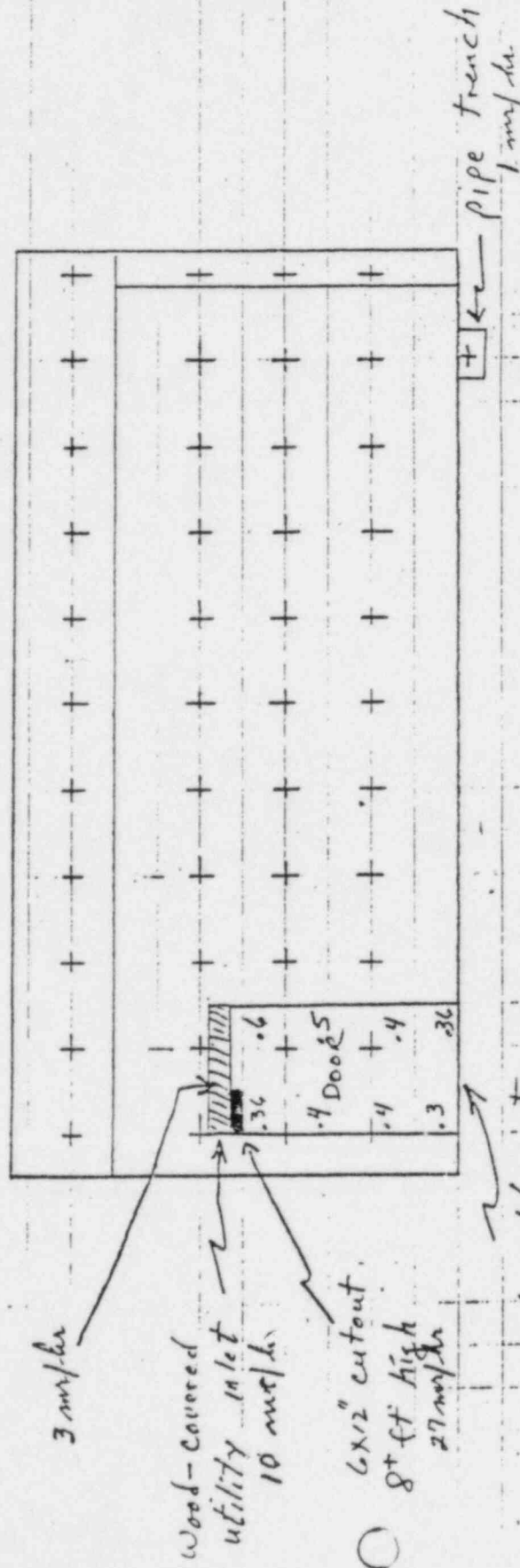


All readings less than .1 m/s/hr

1,667,000 ci Co-60
n o n

$$1.51 = 4\%$$

IX. SOME



bottom 1" opening

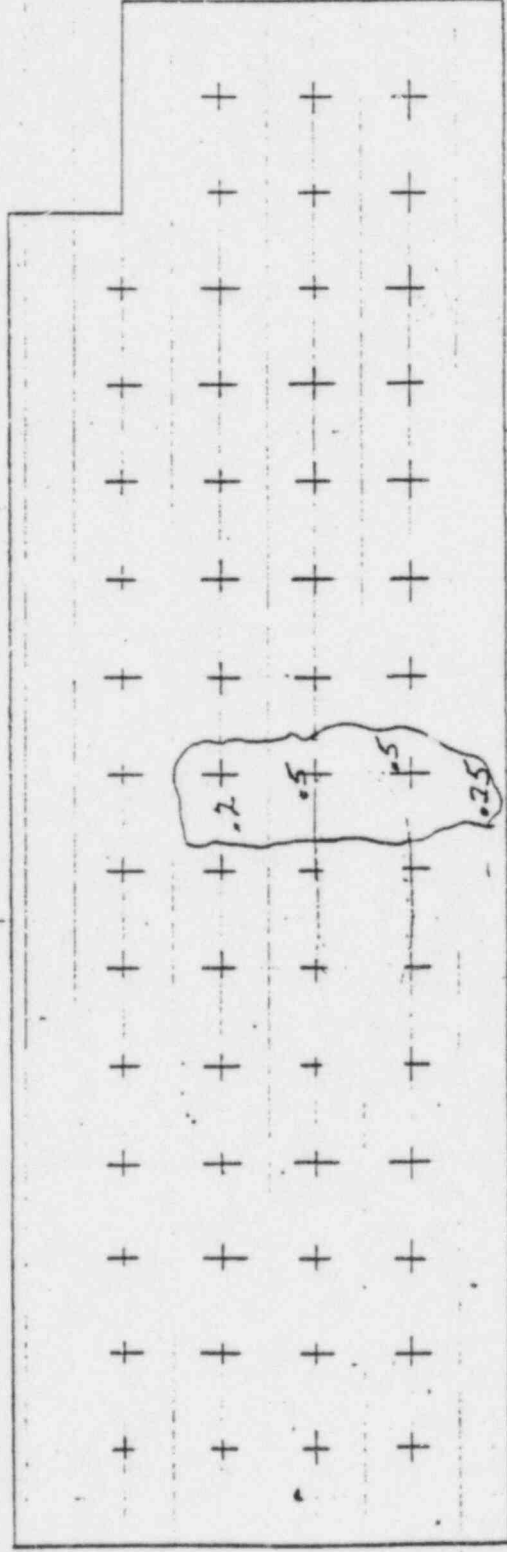
All readings less than 2 in/hr except as noted.

1,667,000 4 00-60
7-8-81

EAST WALL

$\frac{1}{4}'' \times 1.5'$

INSIDE VIEW



All readings less than 0.2 m/hr
except as noted.

667,000 ci 20-21

7-8-81

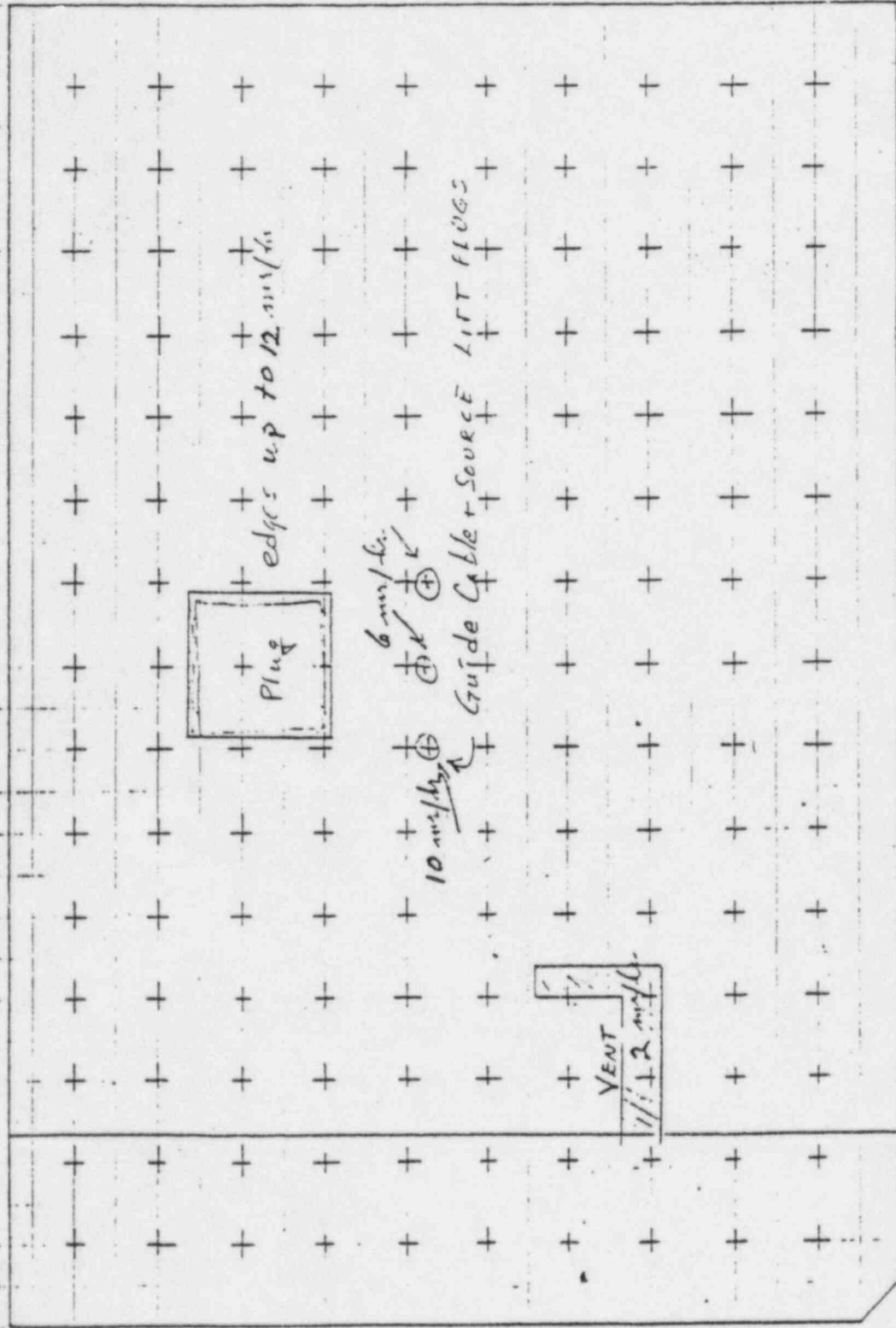
TOP
(Roof)

$\frac{1}{4}'' = 1.5'$

NORMALLY NO ACCESS

← NORTH

ISOMETRIC



1,667,000 ci. CO-60
7-8-81

All readings less than 1.0 mil/rad - except

OCT 19 1981

Docket No. 30-08985

1E HQ FILE COPY

Isomedix, Incorporated
ATTN: Mr. George R. Dietz
President
80 South Jefferson Road
Whippany, New Jersey 07981



Gentlemen:

Subject: Inspection 30-08985/81-01

This refers to your letter dated July 31, 1981, in response to our letter dated July 7, 1981.

Thank you for informing us of the corrective and preventive actions documented in your letter. These actions will be examined during a future inspection of your licensed program.

Violation A in our inspection report referred specifically to water which was discharged in 1976 and to the fact that the records of this discharge available at the time of the inspection did not include an analysis of the water discharged in terms of microcuries per milliliter or total activity discharged for the year. We agree that further search of your files would be unwarranted.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:

John D. Kinneman, Chief,
Materials Radiological Protection
Section

cc:
Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
State of New Jersey

bcc:
Region I Docket Room (with concurrences)

[Signature]
1:DETI
Rowe/wb
9/28/81

[Signature]
1:DETI
Kinneman
10/16/81

OFFICIAL RECORD COPY

IED
S/1

217 Copy



July 31, 1981

Mr. John D. Kinneman
Chief, Materials Radiological
Protection Section
Technical Inspection Branch
U. S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Kinneman: Inspection 81-01
 License No. 29-15364-01
 Subject: Docket No. 30-08985

This responds to the "Notice of Violation" re-
g from the subject inspection.

We disagree with Violation A. Such records were maintained, and were reviewed by your office during frequent visits which were made as our cleanup progressed. Your inspection reports 78-03 and 79-03 and others allude to the inspector having reviewed such records, and Report 78-02 specifically states that the records related to the discharge of effluents were reviewed, with no deficiencies noted. Hence such evaluations and such records which were required, were indeed maintained, and apparently maintained correctly. All such records pertaining to liquid disposals made under Chem-Nuclear's supervision (April 1979 through June 1980 closeout) are in Chem-Nuclear files and can most likely be obtained.

We believe that the violation should state that we were unable to produce the records for inspection; a search of our files has still not located them.

Regarding Violation B, a portion of non-radiation operations was moved to the West Orange facility while cleanup operations of the Parsippany location were in progress under the direction of Chem-Nuclear Systems, Inc. During a routine visit to West Orange during the move, the undersigned noticed a pipe wrench similar in appearance to one believed to have been used in the cleanup, so on the next visit a survey meter was taken to West Orange to check the wrench, which was found to have a low contamination level. This finding resulted in our dispatching a qualified individual to West Orange for three days to do a thorough

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29-15364-01 PDR

ISOMEDIX INC.

Mr. John D. Kinneman
U. S. Nuclear Regulatory Commission

July 31, 1981

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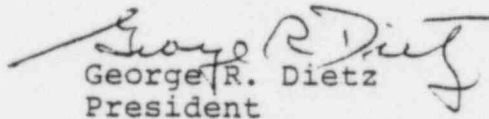
survey of all items removed from Parsippany. Some 4 or 5 tools in all were found to have higher than desired radiation levels, and were returned to Parsippany for cleanup or disposal. This was a temporary situation, and was quickly corrected.

We believe our actions in this case were responsible and prudent; however formal records of this survey were not maintained.

In terms of corrective action to be taken regarding the above, there is little to be done, if anything, at this point. To avoid further similar violations, records will be kept of any future survey, regardless of the survey location, which will enable us to attain full compliance as of this date.

Very truly yours,

ISOMEDIX, INC.


George R. Dietz
President

GRD:of

ISOMEDIX INC.

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