

29-01035-08  
03005249  
143974

**From:** David Romaine [dromaine@rasionline.net]  
**Sent:** Friday, August 07, 2009 1:03 PM  
**To:** Ullrich, Elizabeth  
**Cc:** 'Ryan Hinkle'; 'Sha'aban ElNaggar'; 'Christine Slachta'; 'Lyle Kinne'  
**Subject:** FMC building 22  
**Attachments:** Building 22.pdf

Betsy;

I apologize for the wording in Sec 2.2 of the FMC MARSSIM FSS report. The words "source material" was not a proper term of art to describe the use of building 22. The building was a temporary storage for low level radioactive material that was transferred to building 2 . No radiological work was conducted inside building 22.

To continue with our clients request to provide the most conservative approach to releasing the Site, RASI conducted a survey of building 22 yesterday to confirm the absence of any contamination. The survey is attached. The smear results range from 0-6 dpm/100cm2.

I would like to recommend that we change the verbiage in Section 2.2 to better reflect the Sites history.

To be clear, there was never any "source material" at FMC (uranium, thorium, etc). We are familiar with problems of source material buildup such as with water treatment facilities, etc. That was not the case at FMC.

Would a correction to the wording suffice?

Kindest regards,

		Challenge Us
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<a href="#">Want to always have my latest info?</a>		<a href="#">Want a signature like this?</a>

### E-mail Properties

#### Mail Envelope Properties

(!&!AAAAAAAAAAAYAAAAAAAAAFMc2weHpEdFukuLSO2DGJfCgAAAEAAAANJ9W  
hmp/QNJgwWWD+PVS4EBAAAAA==)

Subject: FMC building 22  
Sent Date: 8/7/2009 1:05:58 PM  
Received Date: 8/7/2009 1:05:58 PM  
From: David Romaine

Created By: dromaine@rationline.net

Recipients:

Elizabeth.Ullrich@nrc.gov (Ullrich, Elizabeth)  
Tracking Status: None  
RYAN.HINKLE@fmc.com ('Ryan Hinkle')  
Tracking Status: None  
SHA'ABAN.ELNAGGAR@fmc.com ('Sha'aban ElNaggar')  
Tracking Status: None  
CHRISTINE.SLACHTA@fmc.com ('Christine Slachta')  
Tracking Status: None  
LYLE.KINNE@fmc.com ('Lyle Kinne')  
Tracking Status: None

Post Office:  
rationline.net

Files	Size	Date & Time
MESSAGE	1251354	8/7/2009
image001.gif	2570	
image002.gif	410	
Building 22.pdf	1229957	

Options

Expiration Date:  
Priority: olImportanceNormal  
ReplyRequested: True  
Return Notification: False

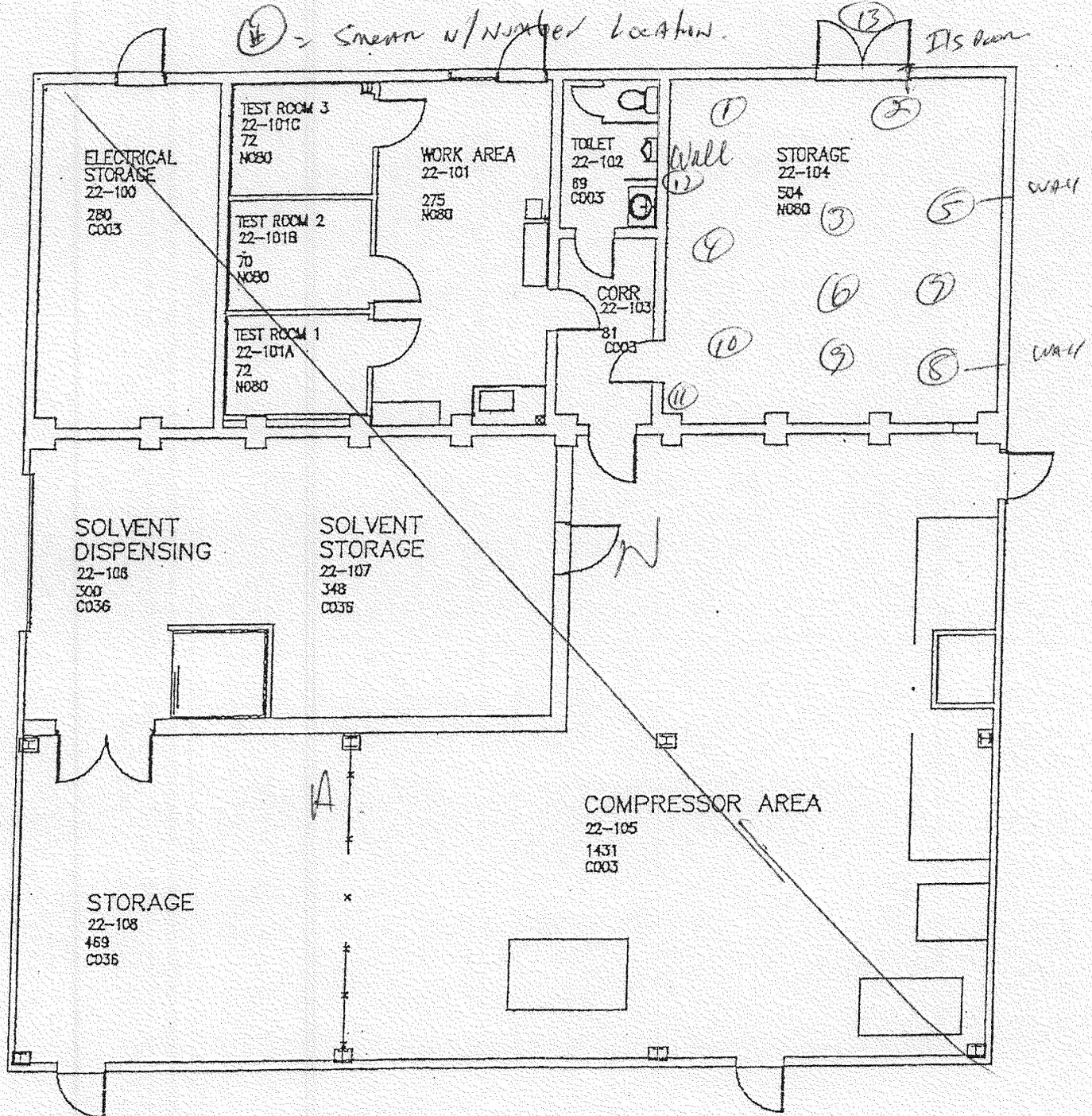
Sensitivity: olNormal  
Recipients received:

JANUARY 2003

All SCANS with Survey meter  
Indicates  $\leq$  Background  
Background = 40 cpm.

LEGEND LINES  
1 - ROOM NUMBER  
2 - SQUARE FOOTAGE  
3 - COST CENTER

(13) - Screen w/ Number location.



06 Aug 09 11:35  
Protocol #:39

TRI-CARB - 1.07  
EcoLite 10mL

Page #1  
User :

Time: 5.00

Data Mode: DPM

Background Subtract: Manual

Nuclide: 14C

Quench Set: 14C

	LL	UL	LCR	25%	BKG
Region A:	0.0 -	156	0	2.0	24.00
Region B:	4.0 -	156	0	0.0	0.00
Region C:	0.0 -	0.0	0	0.0	0.00

Quench Indicator: tSIE/AEC

Ext Std Terminator: Count

LS2700\_2

Luminescence Correction On

Coincidence Time(ns): 18

Delay Before Burst(ns): Normal

Protocol Data Filename: PROT.DAT

S#	PID	TIME	DPM1	CPMA	%eff	SIS	tSIE	FLAG	LUM
1	27	5.00	0	0	0.00	59.484	511.25	?	4
2	27	5.00	5	4	92.01	56.030	427.98		3
3	27	5.00	5	5	91.75	54.476	405.85		2
4	27	5.00	8	5	91.67	50.579	398.26		3
5	27	5.00	4	3	93.01	67.843	514.18		2
6	27	5.00	0	0	0.00	54.043	431.30	?	3
7	27	5.00	0	0	0.00	56.771	441.29	?	3
8	27	5.00	0	0	0.00	57.084	513.19	?	2
9	27	5.00	0	0	91.71	59.566	402.31		3
10	27	5.00	0	0	0.00	49.526	405.45	?	3
11	27	5.00	0	0	0.00	54.986	408.19	?	3
12	27	5.00	1	1	92.27	55.013	450.26		2
13	7	5.00	1	1	91.76	54.320	406.32		3