

**Dominion**

# Fax Transmittal

Date: 4/19/05 Pages (including cover page): 22To: RON NIMITZCompany: USNRC

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**Comments:**SURVEY DATA

E/1

Release this page, attachment Ex  
release in entirety



## UNIT 3

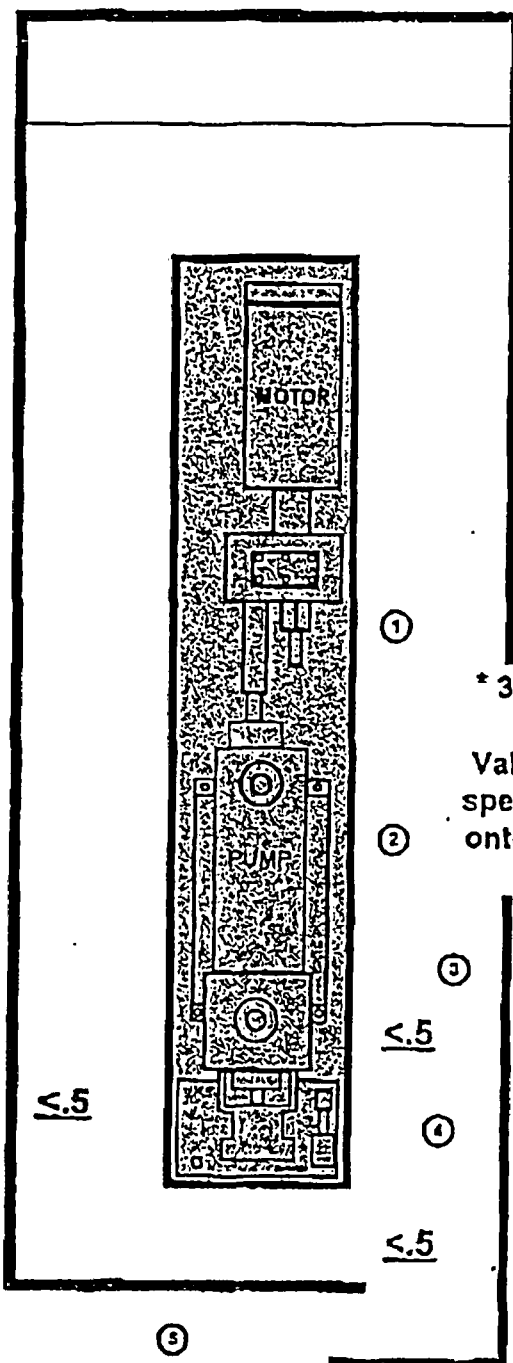
Release

## MILLSTONE NUCLEAR POWER STATION - RADIATION SURVEY FIGURE NO. 18C

UNIT 3

DATE 04/17/2005	SURVEY BY SIGNATURE [Signature]	REVIEWED BY [Signature]	Type of Survey <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input type="checkbox"/> RWP
TIME 0900	PRINT NAME [Jack Geary]	% REACTOR POWER s/d	Calibration Due Date 1
Type	Instrument Type	Serial Number	Efficiency
$\gamma$	RO-2	1206	N/A
$\beta + \gamma$	Ludlum-177	208752	100cpm
$\alpha$			
$n$			N/A

## Response during Charlie 1 Event



## "C" Charging Pump Aux Building

Smear Results	
NUMBER	DPM/100cm <sup>2</sup>
1	<1k
2	<1k
3	<1k
4	<1k
5	<1k
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	

All open window readings were same as closed window readings

RAD CONTRL AREA RAC MAT. AREA CONTAMINATED AREA

100 - gamma( $\gamma$ ) at waist level in mrem/hr

① - contamination survey point

RAD AREA

100 - gamma( $\gamma$ ) contact in mrem/hr50 mrad - beta( $\beta$ ) reading in mrad/hr

HIGH RAD AREA

TECH SPEC HRA

GRAVE DANGER AREA

25n - neutron( $n$ ) in mrem/hr

NEUTRON

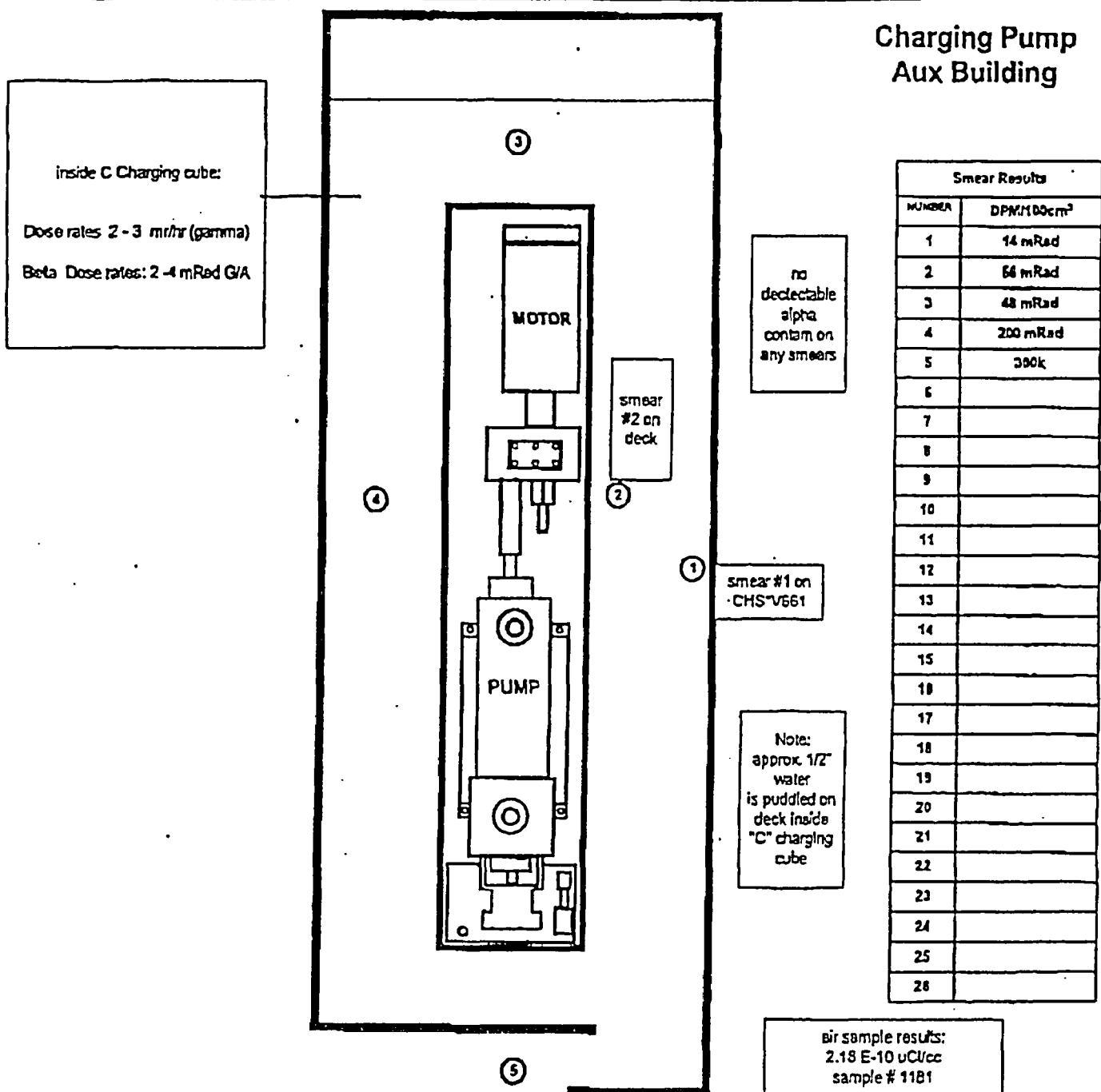
Release

## MILLSTONE NUCLEAR POWER STATION- RADIATION SURVEY FIGURE NO. 18C

UNIT

DATE 041705	SURVEY BY SIGNATURE [C. Marlow]		REVIEWED BY [7A. Py]		Type Of Survey <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input checked="" type="checkbox"/> RAMP # 32 / 2	
TIME 11:00	PRINT NAME [C. Marlow]		SHUTDOWN			
Type	Instrument Type	Serial Number	11EMC/leicy	Background	Calibration Due Date	
γ	RO2	2885	N/A	N/A	05/05	
B+γ	RM14	178	10	100 cpm	06/05	
α	L177	43-2	14064	13279	NA	10
α					09/05	09/05
α						

survey results for "C" team entry into "C" charging cubicle to investigate 3CHS\*V661 steam leak



RAD CTRL. AREA RAD MAT. AREA CONTAMINATED AREA

100 - gamma(γ) at waist level in mrem/hr

① - contamination survey point

RAD AREA

HIGH RAD AREA

TECH SPEC HRA

100 - gamma(γ) contact in mrem/hr

50 mrad - beta(β) reading in mrad/hr

[DANGER] GRAVE DANGER AREA

NEUTRON

25n - neutron(n<sup>1</sup>) in mrem/hr







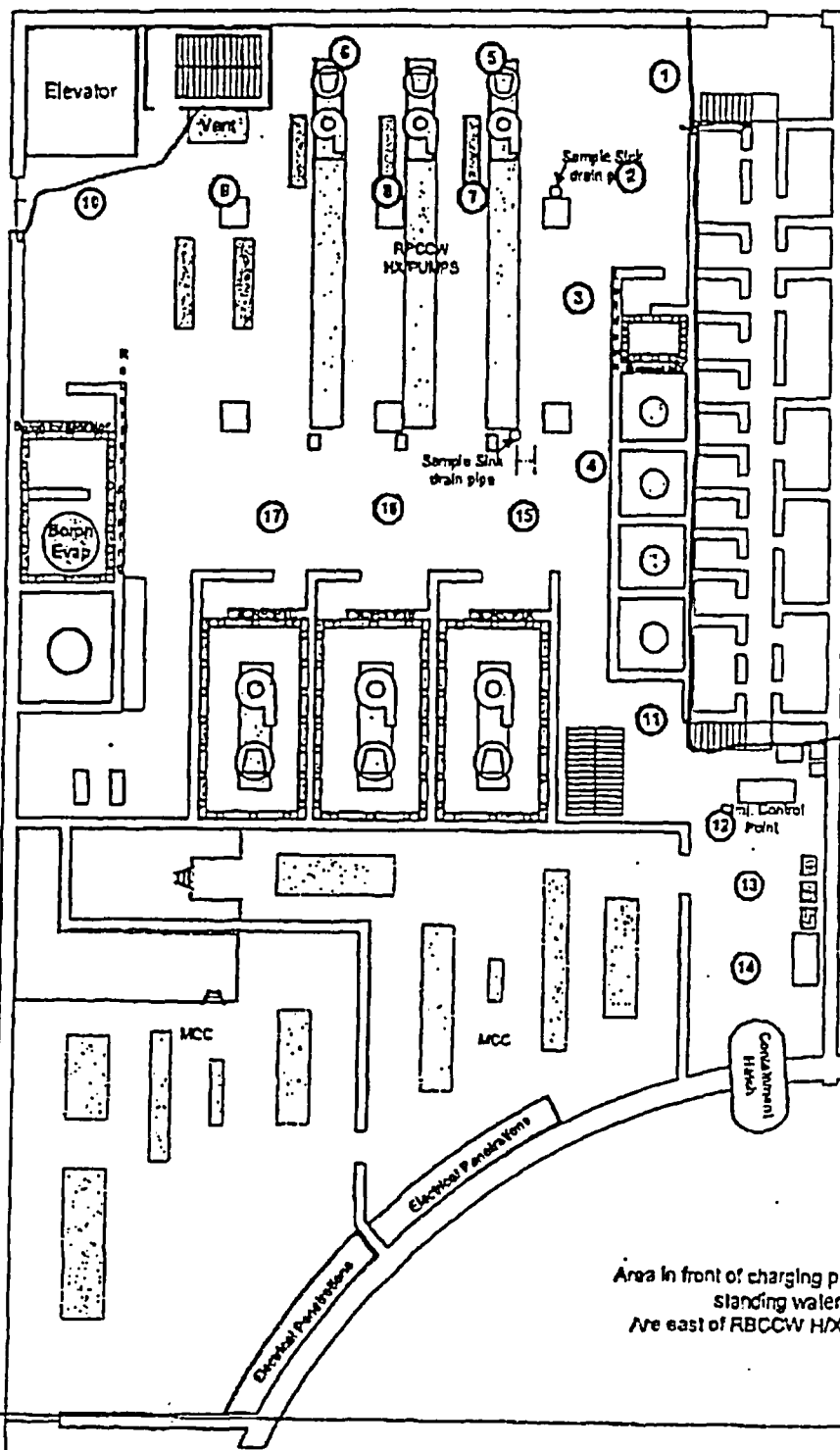






### UNIT 3

DATE	04/17/05		SURVEY BY	SIGNATURE		REVIEWED BY	FAR		Type Of Survey
TIME	1745		PRINT NAME	Jan Drzewianowski		% REACTOR POWER	SID		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input type="checkbox"/> RWP # <u>1</u>
Type	Instrument Type	Serial Number	1/Efficiency	Background		Calibration Due Date			
$\gamma$	Ro-2	2185	N/A	N/A		05-03			
$\beta + \gamma$	Lithium-177	0208752	10	~100cpm		05-05			
$\alpha$									
enl			N/A	N/A					



## Aux. Building 24' Elevation

[illegible]

COPY

~~RESTRICTED~~ RAD CTRL. AREA      ~~RESTRICTED~~ RAD MAT. AREA      ~~RESTRICTED~~ CONTAMINATED AREA

100 - gamma( $\gamma$ ) at waist level in mrem/hr

① - contamination survey point

**Rad Rock**

100% - gamma( $\gamma$ ) contact in msec/hr

50 mrad - beta ( $\beta$ ) reading in mrad/hr

**EXPERIMENTAL**  
**WORK**

**TEEN KIDS USA**

LIBRARY  
CONGRESS

25n - neutron(ن) in mmrnmtr

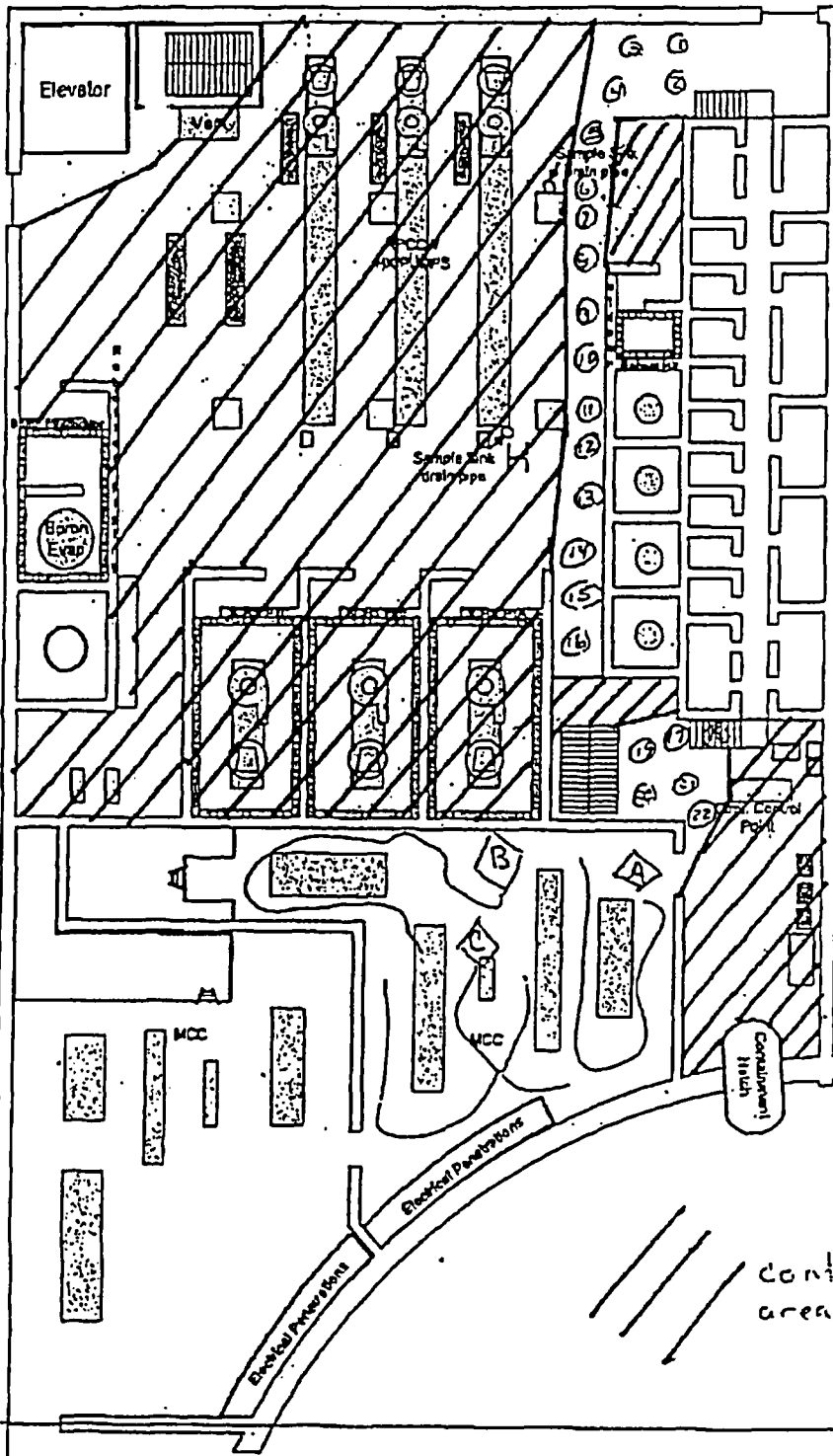
1992

*Bank*



### UNIT 3

DATE 4/17/05		SURVEY BY SIGNATURE <i>[Signature]</i>		REVIEWED BY <i>FA</i>		Type Of Survey <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input checked="" type="checkbox"/> RWP # <u>111</u>	
TIME 2200		PRINT NAME FW Altwater		% REACTOR POWER S/D			
Type	Instrument Type	Serial Number	Efficiency	Background	Calibration Due Date		
1	n/a		N/A	N/A			
P-7	6w122	208752	10	100	5/05		
c	n/a						
a'	n/a		N/A	N/A			




## Aux. Building 24' Elevation

[illegible]

Air moves  
on wall  
surfaces  
 $< 1 \text{ k dpm}/100^{\circ}\text{m}$

all LAS  
on wall  
surfaces  
< 100 cc pm  
(code on)  
(needed)

contaminated  
areas


 RAD. CONTROL AREA    RAD. MAT. AREA    CONTAMINATED AREA  
100 - gamma( $\gamma$ ) at waist level in mrem/hr  
 ① - contamination survey point

100 - gamma ( $\gamma$ ) contact in mrem/hr  
50 mrad - beta ( $\beta$ ) reading in mrad/hr

GRAVE DANGER AREA      NEUTRON  
25n - neutron( $\beta^+$ ) in mrem/hr



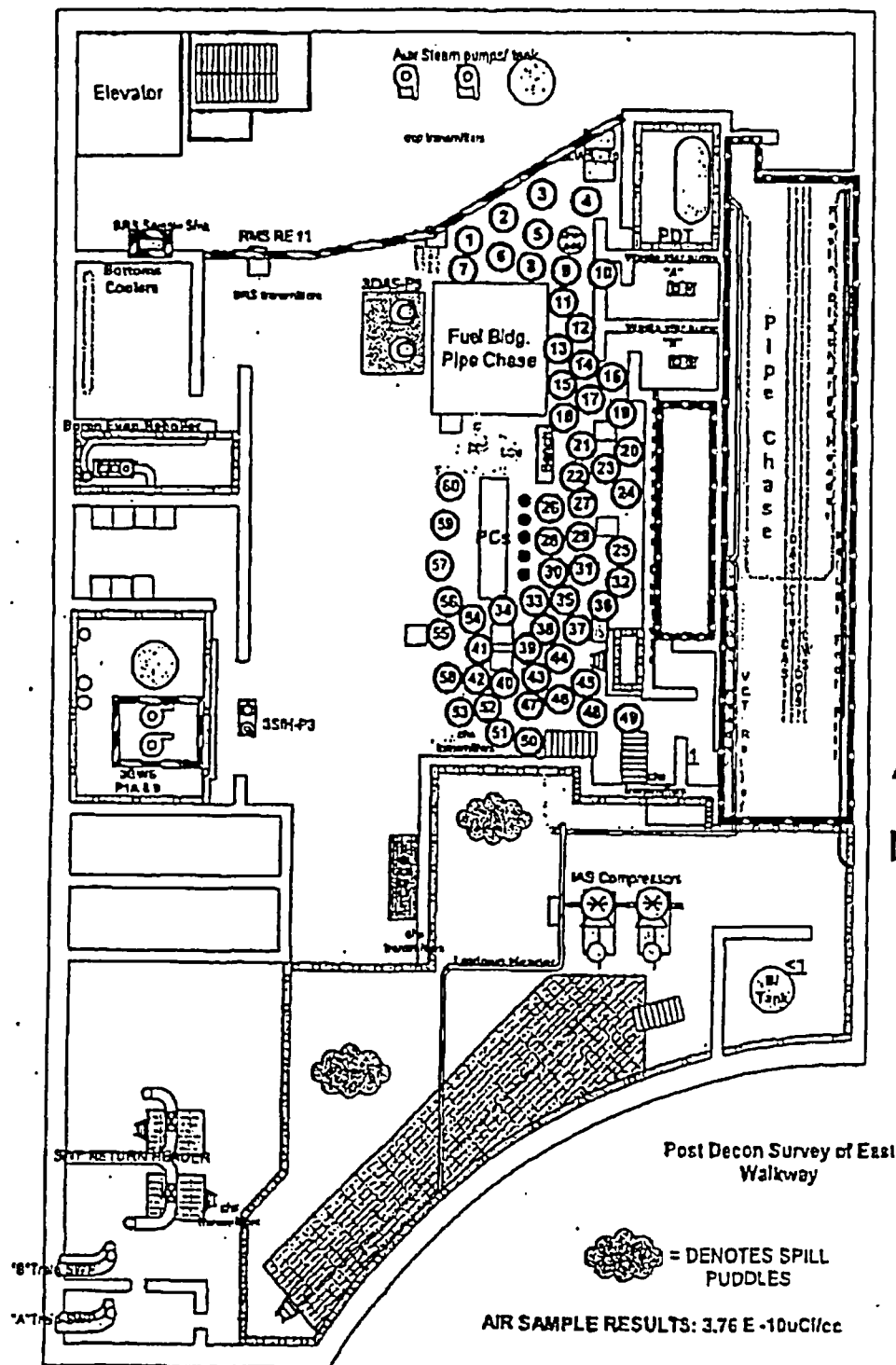
Exempt, ~~Unit 3~~ 3  
UNIT 3

## MILLSTONE NUCLEAR POWER STATION- RADIATION SURVEY FIGURE NO. 16

DATE	18 Apr 2005	SURVEY BY SIGNATURE	<i>Paul Racicot</i>		REVIEWED BY	<i>FA Pen</i>		Type Of Survey
TIME	0400	PRINT NAME	Paul Racicot		% REACTOR POWER	Mode 4		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input checked="" type="checkbox"/> RWP # 2 / 1
Type	Instrument Type		Serial Number	1/EMgency	Background	Calibration Due Date		
$\gamma$	N/A		N/A	N/A	N/A	N/A		
$\beta$ - $\gamma$	L-177 / HP - 210		208762	10	100 CPM	05-05		
$\alpha$	L-177 43-2		N/A					
$n$	REM - 500		N/A	N/A	N/A	N/A		

4' AUX  
Building  
Elevation

Smear Results	
NUMBER	DPM/100cm <sup>2</sup>
1-26	<1 K
27	1 K
28-29	<1 K
30	10 K
31-32	<1 K
33-34	1 K
35-38	<1 K
39	1 K
40-44	<1 K
45	1 K
46	2 K
47	<1 K
48	2 K
49	<1 K
50	2 K
51-57	<1 K
58	1 K
59	<1 K
60	5 K
N	
A	



RAD CONTRL. AREA RAD MAT. AREA CONTAMINATED AREA

100 - gamma( $\gamma$ ) at waist level in mrem/hr

① - contamination survey point

RAD AREA

100+ - gamma( $\gamma$ ) contact in mrem/hr50 mrad - beta( $\beta$ ) reading in mrad/hr

HIGH RAD AREA

TECH SPEC HRA

GRAVE DANGER AREA

NEUTRON

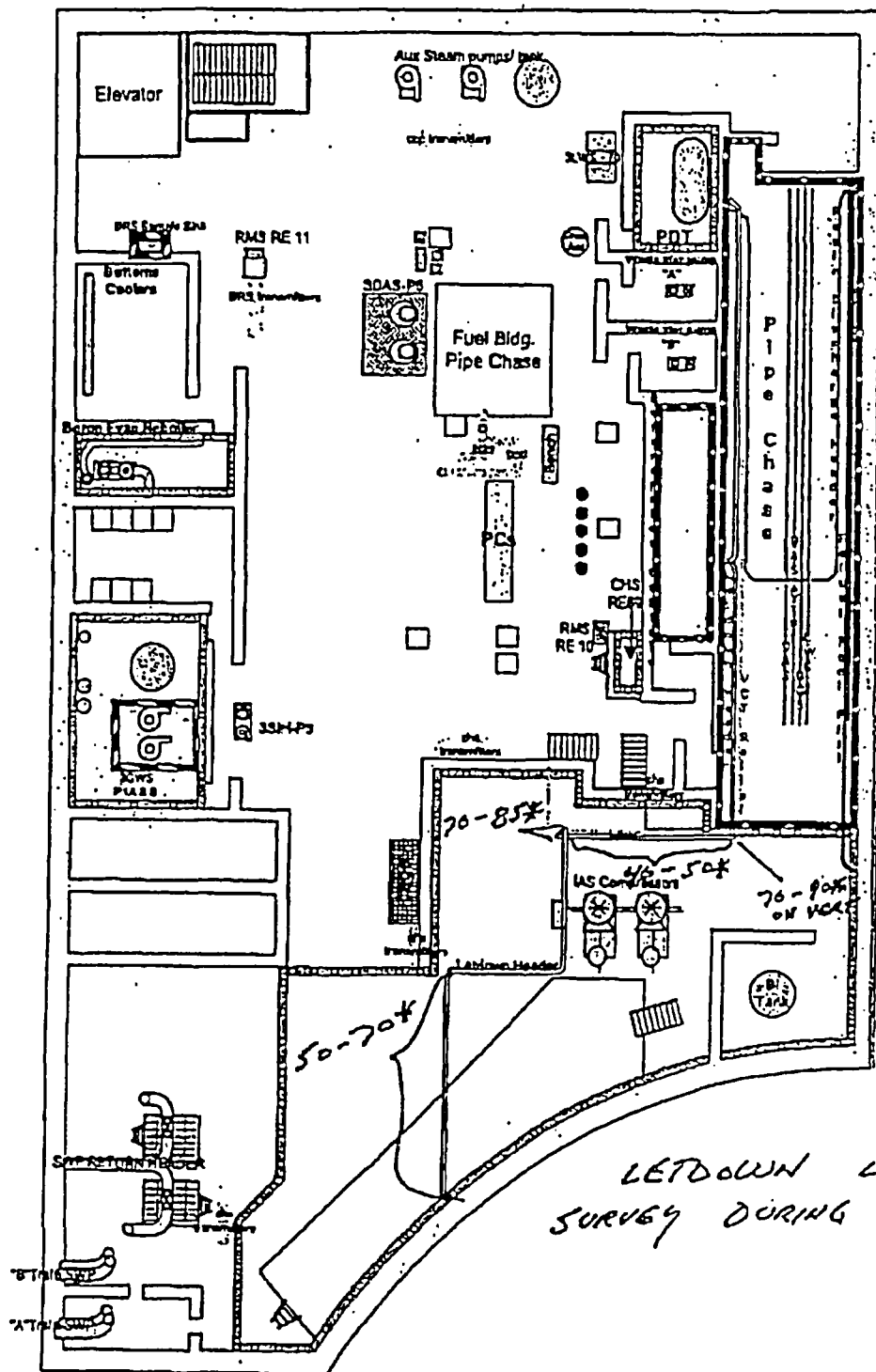
25n - neutron( $n$ ) in mrem/hr



Exempt, ~~Exempt~~ 2  
EX FIGURE NO. 16

## UNIT 3

DATE 4.18.05		SURVEY BY SIGNATURE <i>C. Morrow</i>		REVIEWED BY <i>Jack Slavy</i>		Type Of Survey <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input type="checkbox"/> RWP # <u>1</u>	
TIME 0400		PRINT NAME <i>C. MORROW</i>		Y-REACTOR POWER <i>34000W</i>			
Type	Instrument Type	Serial Number	Efficiency	Background	Calibration Due Date		
γ	TELEPROBE	171	N/A	N/A	9-05		
B + γ			10				
α							
n'			N/A	N/A			



# 4' AUX Building Elevation

[illegible]

LETDOWN LINE  
SURVEY DURING COOL-DOWN

GRAVE DANGER AREA

25n - neutron( $n'$ ) in mrem/hr

50 mrad - beta ( $\beta$ ) reading in mrad/hr

Exempt, ~~Unit 3~~ 3  
UNIT 3

## MILLSTONE NUCLEAR POWER STATION- RADIATION SURVEY FIGURE NO. 18

DATE	04/18/2005	SURVEY BY SIGNATURE	<i>Michael S. Dodge</i>	REVIEWED BY	<i>John Harty</i>	Type Of Survey
TIME	1600	PRINT NAME	MICHAEL S. DODGE	% REACTOR POWER	SID	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input type="checkbox"/> RWP #
Type	Instrument Type	Serial Number	Efficiency	Background	Calibration Due Date	
7	RD-2	2863	N/A	N/A	09/05	
D-7	L-177	208762	10	80-100 CPM	05/05	
a	N/A					
n	N/A		N/A	N/A		

Aux. Building  
24' Elevation

Smear Results	
NUMBER	DPM/100cm <sup>2</sup>
1	10K
2	30K
3	300K
4	1K
5	30K
6	35K
7	300K
8	3K
9	2K
10	3K
11	2K
12	1K
13	<1K
14	1K
15	2K
16	1K
17	2K
18	2K
19	3K
20	9K
21	SALAD
22	1K
23	3K
24	2K
25	2K
N/A	N/A

Post Decon Survey of  
"C" Charging Pump Cubicle.

Air Sample Result -  $1.53E^{-10}$  mCi/l

RAD CONTRL. AREA    RAD MAT. AREA    CONTAMINATED AREA    RAD AREA    HIGH RAD AREA    TECH SPEC HRA    GRAVE DANGER AREA    NEUTRON  
 100 - gamma( $\gamma$ ) at waist level in mrem/hr    100\* - gamma( $\gamma$ ) contact in mrem/hr    25n - neutron( $n$ ) in mrem/hr  
 ① - contamination survey point    50 mrad - beta( $\beta$ ) reading in mrad/hr





Release

## MILLSTONE NUCLEAR POWER STATION- RADIATION SURVEY FIGURE NO. 18C

UNIT 3

DATE	041805	SURVEY BY SIGNATURE	[Signature]	REVIEWED BY	[Signature]	TYPE OF SURVEY
TIME	2300	PART NAME	[C marlow]	REACTOR POWER	shutdown	<input type="checkbox"/> Routine <input type="checkbox"/> Special <input checked="" type="checkbox"/> RWP # 103 / 2
Type	Instrument Type	Serial Number	Efficiency	Background	Calibration Due Date	
$\gamma$	R02	1266	N/A	N/A	05/05	
$\beta$ - $\gamma$	L177	208762	10%	60 CPM	05/05	
$\alpha$						
$n$			N/A	N/A		

HP coverage for repacking 3CHS\*MV1188B &amp; 3CHS\*V661

Charging Pump  
Aux Building

3CHS\*MV1188B

MOJ

## Smear Results

NUMBER	DPM/100cm <sup>2</sup>
1	10k body
2	5k gland
3	5k adjacent
4	120k body
5	80k adjacent
6	15k on deck
7	60 gland
8	25k motor (top)
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	

3CHS\*V661

MAN

Dose rates in C charging  
cubicle 1 - 2 mR/hrC charging cubicle is  
inside posted  
contaminated areaAir Sample results:  
7.45 E-11uCi/cc

RAD CONTRL AREA RAD MAT. AREA CONTAMINATED AREA

100 - gamma( $\gamma$ ) at waist level in mrem/hr

① - contamination survey point

RAD AREA

HIGH RAD AREA

TECH SPEC HRA

100\* - gamma( $\gamma$ ) contact in mrem/hr50 mrad - beta ( $\beta$ ) reading in mrad/hr

GRAVE DANGER AREA

NEUTRON

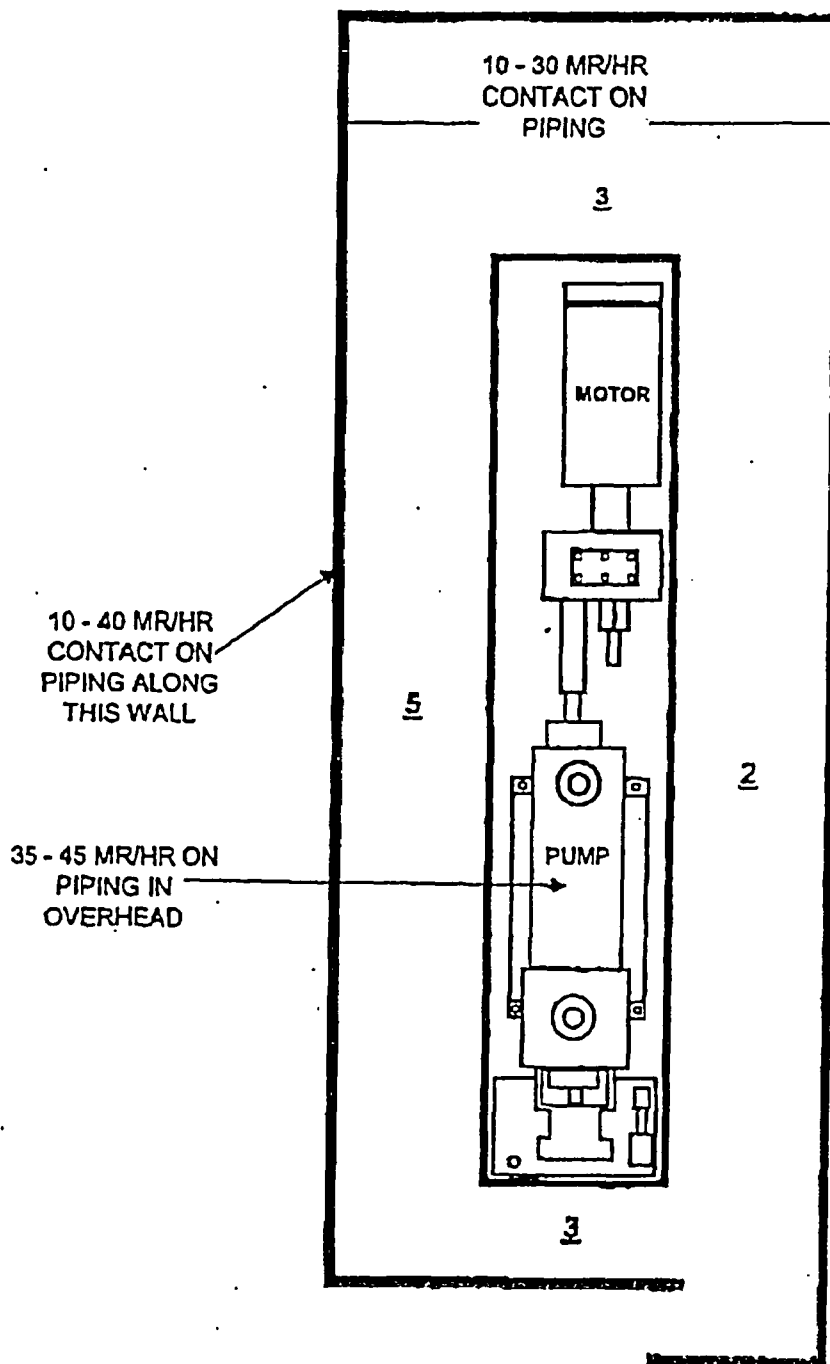
25n - neutron( $n$ ) in mrem/hr

Release

## MILLSTONE NUCLEAR POWER STATION- RADIATION SURVEY FIGURE NO. 18C

UNIT 3

DATE 4-18-05	SURVEY BY SIGNATURE <i>[Signature]</i>	REVIEWED BY <i>[Signature]</i>	Type Of Survey <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Special <input type="checkbox"/> RWP # <u>1</u>
TIME 0025	PRINT NAME [ Mark Brooks ]	% REACTOR POWER S/D	
Type	Instrument Type	Serial Number	MEMclency
T	TELEPROBE	171	N/A
B + γ	N/A		30
α	N/A		
n	N/A		N/A
			Background
			N/A
			Calibration Due Date
			9/05

Charging Pump  
Aux Building

Smear Results	
NUMBER	DPM/100cm <sup>2</sup>
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	

RAD CTRL. AREA    RAD MAT. AREA    CONTAMINATED AREA  
 100 - gamma(γ) at waist level in mrem/hr  
 ① - contamination survey point

RAD AREA    HIGH RAD AREA    TECH SPEC HRA  
 100 - gamma(γ) contact in mrem/hr  
 50 mrad - beta (β) readings in mrad/hr

GRAVE DANGER AREA    NEUTRON  
 25n - neutron(n<sup>1</sup>) in mrem/hr