

**VSDS Standard Map Survey Report
Oconee Nuclear Station**

Survey M-20140813-6

General Information

Survey Date/Time: 8/12/2014 11:45

Lead Surveyor: W. Bowers

Survey Type: Other - POWER ENTRY LEAK HUNT

Work Order/Task #: 02158316

Counted By: W. Bowers 8/12/2014 11:45

RWP #: 1401

Rx % Pwr: 100%

Status: Approved by: S. Matthews, 8/13/2014

Ready for Review by: W. Bowers, 8/13/2014

Dose Rate (DR) Object Prefixes/Suffixes

Dose Rates with Prefixes:

* = Contact

+ = 30cm

Dose Rates with No Prefixes:

Gen Area

Default Prefixes:

HS = Hot Spot

Default Suffixes:

"n" = Neutron

"b" = Beta

"c" = Corrected

Postings Legend

There are no postings in this survey.

Instruments Used

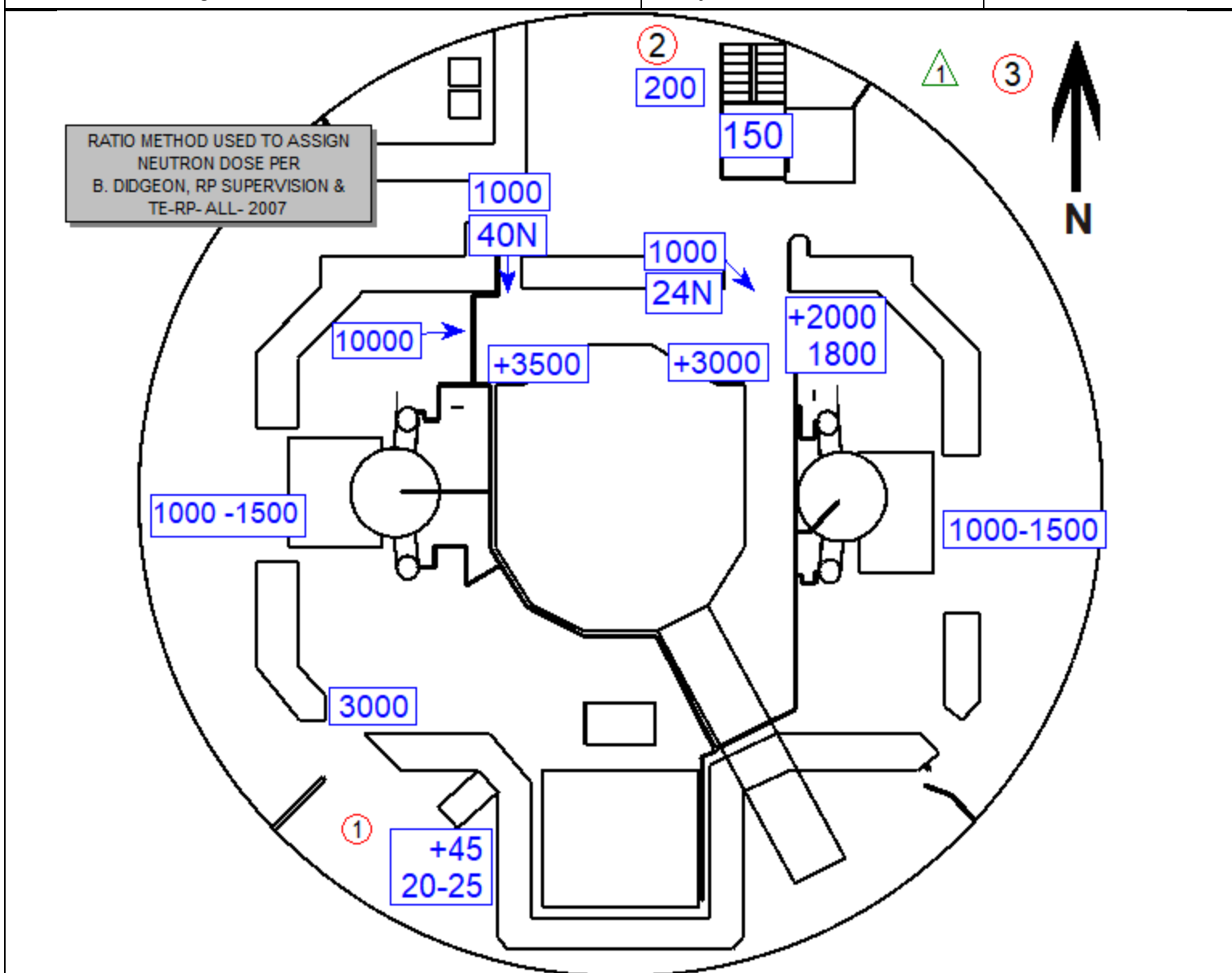
#	Instrument Model	Instrument Serial #	Inst Type
1	RO-20	01133	D
2	Telepole	02127	D
3	APC	00001	C
4	RM-14	01056	B
5	ALP	3	C
6	Ludlum 12-4	3143	D

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Unit 1 Reactor Building Basement

Survey #: M-20140813-6

Date/Time: 8/12/2014 11:45



Unit 1 Reactor Building Basement

Comments: Pre-job brief held. OPS inspection of Basement looking for leaks
.Lead tech informed of results.

Summary of Highest Readings (All available values may not be listed)

Smears	Air Samples & Wipes
1) 25000 DPM/100 cm2 β/γ	A/S 1) <0.25 DAC Particulate
2) 0 DPM/100 cm2 α	A/S 1) <0.25 DAC Iodine

Type: Other - POWER ENTRY LEAK HUNT

Symbol Legend (for example only)

Dose Rate	HS-50 Hot Spot
*150 ← Contact Reading	RCA Posting
+75 ← 30 cm Reading	Drip Bag
20 ← General Area	Smear
Air Sample	RM
Wipe	

RWP #: 1401
Reactor Power = 100%
Tag Name: U1RBBSMT
Tag Suffix Name: N/A
Short Name: N/A

Unless otherwise noted, dose rates in mrem/hr.

Lead Surveyor: W. Bowers

Status: Approved by: S. Matthews, 8/13/2014

Location Code: RB

Bldg/Area Name: U1 Reactor Building

Location Description: Unit 1 Reactor Building

Image File: 1RXBSMT

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Data Point Details

Survey #: M-20140813-6

Map: 1RXBSMT

#	Type	Inst.	Value	Units	Position	Notes
DR	γ	N/A	10000	mrem/hr	8FT FROM COMPONENT HEADER DRAIN LINE	READING TAKEN AT CHEST LEVEL LINE IS APROX 18 INCHES ABOVE FLOOR RO20
DR	γ	N/A	1000	mrem/hr	GEN AREA @ GAP IN BIO SHEILD WALL	
DR	γ	N/A	1000	mrem/hr	GEN AREA @ GAP IN BIO SHEILD WALL	RO20
DR	γ	N/A	+ 45 20-25	mrem/hr mrem/hr	WORK AREA OVER SUMP TO PULL SAMPLE	
DR	γ	N/A	3000	mrem/hr	GEN AREA @ GAP IN BIO SHEILD WALL	TELEPOLE
DR	γ	N/A	1000 -1500	mrem/hr	GEN AREA @ GAP IN BIO SHEILD WALL	TELEPOLE
DR	γ	N/A	1000-1500	mrem/hr	GEN AREA @ GAP IN BIO SHEILD WALL	TELEPOLE
DR	Neutron	N/A	24 η	mrem/hr	GEN AREA @ GAP IN BIO SHEILD WALL	
DR	Neutron	N/A	40 η	mrem/hr	GEN AREA @ GAP IN BIO SHEILD WALL	
DR	γ	N/A	200	mrem/hr	BOTTOM OF STAIRS	
DR	γ	N/A	150	mrem/hr	Landing (in basement)	
DR	γ	N/A	+ 2000 1800	mrem/hr mrem/hr	30CM - FUNNEL	RO20
DR	γ	N/A	+ 3500	mrem/hr	30 CM - FUNNEL	RO20
DR	γ	N/A	+ 3000	mrem/hr	30 CM - FUNNEL	RO20
1	Smear	N/A	β/γ 25000	DPM/100 cm2	Wet Smear	FLOOR
2	Smear	N/A	β/γ 5000 α 0	DPM/100 cm2 DPM/100 cm2	FLOOR	
3	Smear	N/A	β/γ <1000 α NDA	DPM/100 cm2 DPM/100 cm2	FLOOR @ SOP	
1	Air Sample		<0.25 <0.25	DAC Particulate DAC Iodine	FIRST FLOOR @ UNIT 1 ENTRANCE @ ELEVATOR	NO RESPIRATORS WORN LAB ID# ON14081200009