

VSDS Standard Map Survey Report  
Oconee Nuclear Station

**Survey ONS-M-20211126-15**

**General Information**

Survey Date/Time: 11/26/2021 21:07  
Lead Surveyor: R. Brunoehler  
Survey Type: Job Coverage  
Work Order/Task #: 02025424  
Counted By: J. McMickens 11/26/2021 23:04  
RWP #: 2160  
Rx % Pwr: 0%  
Status: Approved by: P. Kelley, 12/9/2021  
Ready for Review by: R. Brunoehler, 11/27/2021

**Dose Rate (DR) Object Prefixes/Suffixes**

Dose Rates with Prefixes:      Dose Rates with No Prefixes:      Default Prefixes:      Default Suffixes:  
\* = Contact      Gen Area      HS = Hot Spot      "n" = Neutron  
+ = 30cm                "b" = Beta  
                     "c" = Corrected

**Postings Legend**

CA=Contaminated Area      RM=Radioactive Materials      RPBRFE=RP Brief Required For Entry  
HRA=High Radiation Area

**Instruments Used**

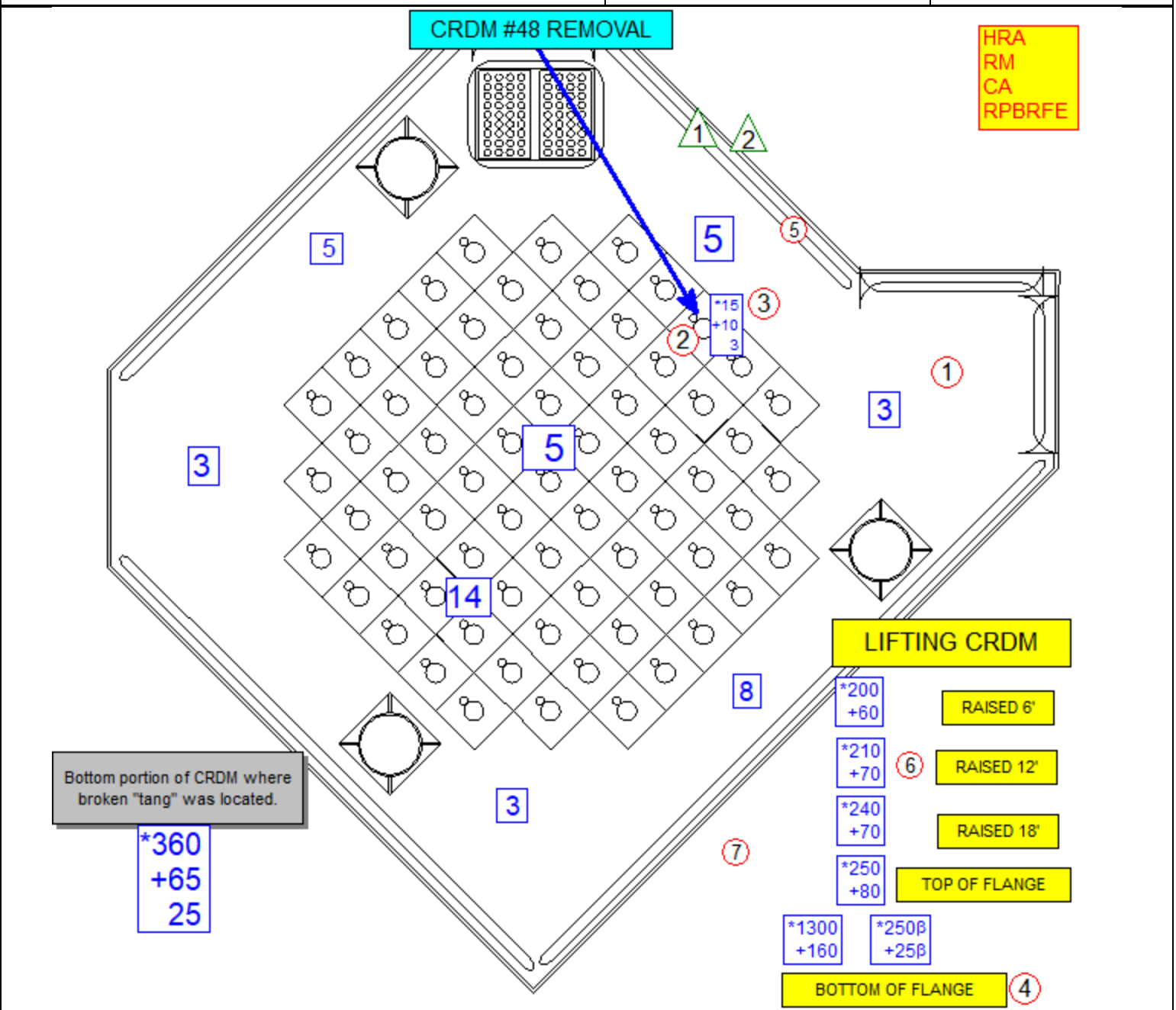
#	Instrument Model	Instrument Serial #	Inst Type
1	Ludlum 9-3	12064	D
2	Telepole	07496	D
3	Telepole	12229	D
4	Ludlum Model 177	07982	C

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Unit 2 Top of Head

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Bottom portion of CRDM where broken "tang" was located.

Comments: Rx-2 3rd flr REX Head CRDM #48 Removal for replacement.

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

Smears	Air Samples & Wipes
3) 3000 DPM/100 cm <sup>2</sup> β/γ	A/S 2) <0.25 DAC Particulate
4) 100 mrad/hr/100 cm <sup>2</sup> β/γ	A/S 2) <0.25 DAC Iodine

Type: Job Coverage

**Symbol Legend (for example only)**

<p><b>Dose Rate</b></p> <ul style="list-style-type: none"> <li>*150 ← Contact Reading</li> <li>+75 ← 30 cm Reading</li> <li>20 ← General Area</li> </ul>	<p><b>HS-50</b> Hot Spot</p> <p><b>RCA</b> Posting</p> <p> Drip Bag</p>	<p>RWP #: 2160</p> <p>Reactor Power = 0%</p> <p>Tag Name: CRDM14REPAIR</p> <p>Tag Suffix Name: N/A</p> <p>Short Name: N/A</p>
<p> Smear</p> <p> Air Sample</p> <p> RM</p> <p> Wipe</p>		

Unless otherwise noted, dose rates in mrem/hr.

Lead Surveyor: R. Brunoehler

Status: Approved by: P. Kelley, 12/9/2021

Location Code: COM

Bldg/Area Name: RV HEAD

Location Description: RV HEAD

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**Data Point Details**  
**Survey #: ONS-M-20211126-15**  
**Map: U2HEAD01**

#	Type	Inst.	Value	Units	Position	Notes
DR	γ	N/A	* 15	mrem/hr	work area	
		N/A	+ 10	mrem/hr		
		N/A	3	mrem/hr		
DR	γ	N/A	3	mrem/hr	GA	
DR	γ	N/A	3	mrem/hr	GA	
DR	γ	N/A	5	mrem/hr	GA	
DR	γ	N/A	8	mrem/hr	GA	
DR	γ	N/A	3	mrem/hr	GA	
DR	γ	N/A	5	mrem/hr	GA	
DR	γ	N/A	5	mrem/hr	GA	
DR	γ	N/A	* 200	mrem/hr	CRDM RAISED 6'	
		N/A	+ 60	mrem/hr		
DR	γ	N/A	* 210	mrem/hr	CREM RAISED 12'	
		N/A	+ 70	mrem/hr		
DR	γ	N/A	* 240	mrem/hr	CRDM RAISED 18'	
		N/A	+ 70	mrem/hr		
DR	γ	N/A	* 1300	mrem/hr	BOTTOM FLANGE	
		N/A	+ 160	mrem/hr		
DR	β	N/A	* 250 β	mrem/hr	BOTTOM FLANGE	
		N/A	+ 25 β	mrem/hr		
DR	γ	N/A	* 250	mrem/hr	TOP OF FLANGE	
		N/A	+ 80	mrem/hr		
DR	γ	N/A	14	mrem/hr	GA	
DR	γ	N/A	* 360	mrem/hr	End of CRDM	
		N/A	+ 65	mrem/hr		
		N/A	25	mrem/hr		
1	Smear	N/A	β/γ 1,000	DPM/100 cm2	Floor	
2	Smear	N/A	β/γ 2000	DPM/100 cm2	Structural steel	
3	Smear	N/A	β/γ 3000	DPM/100 cm2	on floor at opening for CRDM 48	
4	Smear	N/A	β/γ 100	mrads/hr/100 cm2	CRDM FLANGE	
5	Smear	N/A	β/γ 2000	DPM/100 cm2	Handrail	
6	Smear	N/A	β/γ 50	mrads/hr/100 cm2	Shaft	
7	Smear	N/A	β/γ 50	mrads/hr/100 cm2	Gasket seating surface	
1	Air Sample		<0.25	DAC Particulate	DURING CRDM REMOVAL.	
			<0.25	DAC Iodine		
2	Air Sample		<0.25	DAC Particulate	BACKUP AIRSAMPLE	
			<0.25	DAC Iodine	AFTER PULL.	
	Text		CRDM #48 REMOVAL			
	Posting		HRA RM CA RPBRFE		REACTOR BUILDING POSTING	
	Text		LIFTING CRDM			
	Text		RAISED 6'			
	Text		RAISED 12'			
	Text		RAISED 18'			
	Text		TOP OF FLANGE			

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**Data Point Details**

**Survey #: ONS-M-20211126-15**

**Map: U2HEAD01**

#	Type	Inst.	Value	Units	Position	Notes
	Text		BOTTOM OF FLANGE			