

Procedure Title: Radiation and Contamination Surveys

RP-3-2000-04-F-1  
Radiological Survey

RP-3-2000-04  
Rev. 8  
Level 3 - Information Use  
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Survey #: 13-2648	RWP #: 13-003	Date / Time: 12/20/2013 @ 1100	Page 1 of 1
Location: CRDB	Reason for Survey: : Product Cylinder Shipment for Trailer WY A8019		
Smear #	Description	Removable (DPM)	
		Alpha	Beta
1-6	OP UEC PSP044	<MDA	<MDA
7-12	OP UEC PSP025		
13-18	OP 5-034		
19-24	OP UEC PSP028		
25-30	OP 5-030		
31-36	OP UEC PSP033	<MDA	<MDA
A			
N			
Use RP-3-2000-04-F-2 for continuation, if needed.			
Model	Tennelec	RO-20	
S/N	9747	1609	n/a
Probe	n/a	n/a	n/a
S/N	n/a	n/a	n/a
Cal. Due	2/22/14	1/7/14	n/a
BKG	$\alpha$ 0.2 $\beta$ 1.6	0 mrem/hr	n/a
MDA	$\alpha$ 14.3 $\beta$ 27.5	n/a	n/a

1-6 \*0.4/0.1/0.1

7-12 \*0.4/0.1/0.1

13-18 \*0.5/0.2/0.1

19-24 \*0.4/0.1/0.1

25-30 \*0.5/0.2/0.1

31-36 \*0.4/0.1/0.1

FRONT

OP UEC PSP044	OP UEC PSP025	OP UEC PSP028	OP UEC 5-034	OP UEC PSP033
OP UEC PSP044	OP UEC PSP025	OP UEC PSP028	OP UEC 5-034	OP UEC PSP033

Comments: : OP- Over Pack Shipping Container; \*# / # / #- Contact/30 cm/1 meter Dose Rate; Dose rates shown on map are all in milli-rem per hour; Smears taken on valve ends, top, bottom, and sides.

Performed by: TAYLOR ANDERSON *[Signature]* Reviewed by: Gerald Schnell *[Signature]* Date: 12/20/13

COPY

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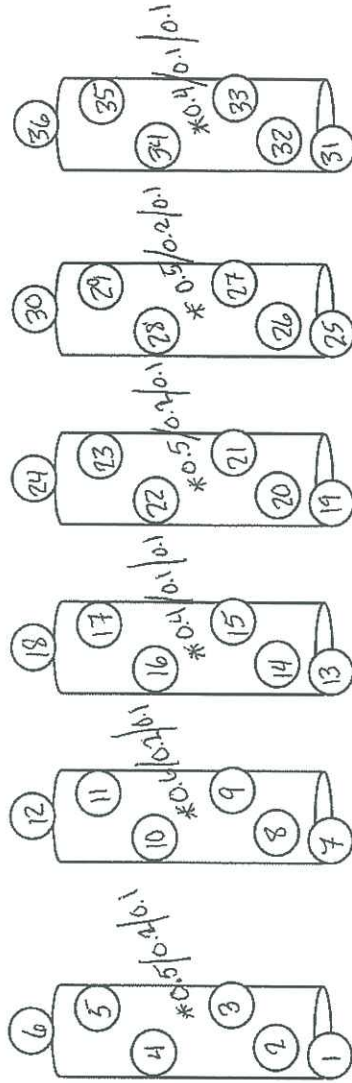
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Survey #: 13-2649 RWP #: 13-003 Date / Time: 12/20/2013 @ 1100 Page 1 of 1  
Location: CRDB Reason for Survey: : Product Cylinder Shipment on Trailer WY A8298

Smear #	Description	Removable (DPM)	
		Alpha	Beta
1 - 6	OP UEC 095	<MDA	<MDA
7 - 12	OP UEC 094		
13 - 18	OP 5-078		
19 - 24	OP UEC 104		
25 - 30	OP UEC PSP034		
31 - 36	OP UEC PSP052	<MDA	<MDA
A			
N			
Use RP-3-2000-04-F-2 for continuation, if needed.			
Model	Tennelec	RO-20	n/a
S / N	9747	1609	n/a
Probe	n/a	n/a	n/a
S / N	n/a	n/a	n/a
Cal. Due	2/22/14	177/14	n/a
BKG	$\alpha$ 0.2 $\beta$ 1.6	0 mrem/hr	n/a
MDA	$\alpha$ 14.8 $\beta$ 23.54	n/a	n/a

FRONT



OP UEC 095  
OP UEC 094  
OP 5-078  
OP UEC 104  
OP UEC PSP034  
OP UEC PSP052

Comments: : OP- Over Pack Shipping Container; \*# / # / #- Contact/30 cm/1 meter Dose Rate; Dose rates shown on map are all in milli-rem per hour; Smears taken on valve ends, top, bottom, and sides

Performed by: TAYLOR ANDERSON *[Signature]* Print / Sign

Reviewed by: Gerald Schnell *[Signature]* Print / Sign

Date: 12/20/13





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**Radiological Survey**

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Survey #: 14-209	RWP #: 14.003	Date/Time: 2-7-14 0900	Page 1 of 1																												
Location: CRDB receiving bay																															
Reason for Survey: 1 meter dose rate survey of loaded overpacks																															
Smear #	Description	Removable (DPM)	Alpha																												
			Beta																												
N/A																															
<p>Trailer # 497</p> <p style="text-align: center;">Trailer not surveyed on this side due to Second loaded product trailer app. 10' away</p> <p style="text-align: center;">All readings in urem/hr, taken at chest level</p>																															
<p>Use RP-3-2000-04-F-2 for continuation, if needed.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Model</td> <td style="width: 10%;">Thermo</td> <td style="width: 10%;">Alpha</td> <td style="width: 10%;">Beta</td> </tr> <tr> <td>S/N</td> <td>9065</td> <td></td> <td></td> </tr> <tr> <td>Probe</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>S/N</td> <td>1</td> <td>N/A</td> <td></td> </tr> <tr> <td>Cal. Due</td> <td>3-6-14</td> <td></td> <td></td> </tr> <tr> <td>BKG <sup>40K/40Pm</sup></td> <td>510 urem/hr</td> <td></td> <td></td> </tr> <tr> <td>MDA dpm</td> <td>N/A</td> <td></td> <td></td> </tr> </table> <p style="text-align: center;">N/A</p>				Model	Thermo	Alpha	Beta	S/N	9065			Probe	N/A			S/N	1	N/A		Cal. Due	3-6-14			BKG <sup>40K/40Pm</sup>	510 urem/hr			MDA dpm	N/A		
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		Date:	02-07-14																												

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