

<b>DR-53 Location Exposure Rate Status - Pre-PowerUp, Pre and Post Shield - 3/4, 5/10 and 5/23 Data</b>									
Prepared by SP Skibniowsky, 5/24/06									
<b>Pre-Power Up Exposure at DR-53 Location</b>									
<b>Background Measurements</b>									
PIC Bkgd Readings (03/03/06 )									
Hinsdale (VY Bkgd) Average				0.008990 mR/hr					
State Locations Average				0.008477 mR/hr					
<b>Gross Readings</b>					<b>Net Readings</b>				
<b>VY PIC at DR-53 Location</b>				<b>VY Bkgd</b>		<b>State Bkgd</b>		<b>Limits (mR/hr)</b>	
				<b>Bkgd Sub</b>		<b>Bkgd Sub</b>		<b>Alert</b>	<b>Alarm</b>
Pre Power Up									
(2/28 @ 1700 to 3/4 @ 0800)				0.010303 mR/hr		0.001313 mR/hr		0.001826 mR/hr	0.002620 0.002758
<b>Exposure Projection at DR-53 Location</b>									
(Based upon data collected at 1593 MWTh - 2/28 @ 1700 to 3/4 @ 0800)									
Exposure Rate		0.001313 mR/hr at DR-53 Location							
		mR							
Exposure Projection - Month (31 Days)		0.98							
Exposure Projection - Quarter (91 days)		2.87							
Exposure Projection - Year (365 Days)		11.50							

<b>Pre-Shield Exposure at DR-53 Location</b>									
<b>Background Measurements</b>									
PIC Bkgd Readings (05/09/06 )									
Hinsdale (VY Bkgd) Average		0.009489 mR/hr							
State Locations Average		0.009206 mR/hr							
<b>Gross Readings</b>					<b>Net Readings</b>				
<b>VY PIC at DR-53 Location</b>				<b>VY Bkgd</b>		<b>State Bkgd</b>		<b>Limits (mR/hr)</b>	
				<b>Bkgd Sub</b>		<b>Bkgd Sub</b>		<b>Alert</b>	<b>Alarm</b>
Pre Shield									
(5/9 @ 0600 to 5/10 @ 0600)				0.012023 mR/hr		0.002534 mR/hr		0.002817 mR/hr	
								0.002620 0.002758	
<b>Exposure Projection at DR-53 Location</b>									
(Based upon data collected at 1912 MWTh - 5/9 @ 0600 to 5/10 @ 0600)									
Exposure Rate		0.002534 mR/hr at DR-53 Location							
				mR					
Exposure Projection - Month (31 Days)				1.89					
Exposure Projection - Quarter (91 days)				5.53					
Exposure Projection - Year (365 Days)				22.20					

<b>Post - Shield Exposure at DR-53 Location</b>											
<b>Background Measurements</b>											
PIC Bkgd Readings (05/22/06)											
Hinsdale (VY Bkgd) Average		0.009506	mR/hr								
Putney Town Hall (State Bkgd)		0.009347	mR/hr								
<b>Gross Readings</b>				<b>Net Readings</b>							
<b>VY PIC at DR-53 Location</b>				<b>VY Bkgd</b>		<b>State Bkgd</b>		<b>Limits (mR/hr)</b>			
Post Shield				<b>Bkgd Sub</b>		<b>Bkgd Sub</b>		<b>Alert</b>	<b>Alarm</b>		
(5/22 @ 0700 to 5/23 @ 0700)				0.011372	mR/hr	0.001866	mR/hr	0.002025	mR/hr	0.002620	0.002758
<b>Exposure Projection at DR-53 Location</b>											
(Based upon data collected at 1912 MWTh - 5/22 @ 0700 to 5/23 @ 0700)											
Exposure Rate		0.001866	mR/hr at DR-53 Location								
			mR								
Exposure Projection - Month (31 Days)		1.39									
Exposure Projection - Quarter (91 days)		4.08									
Exposure Projection - Year (365 Days)		16.35									