

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Providence, RI June 23-25, 2014

Topic: *what parts of the new SRMP have you implemented:
 ex new points, CZT, ISOCs, Dose Rate trending*

Contact (Name)	Plant	NSSS	Comments
<i>Boehl</i>	Seabrook	4LW	<i>New Required Points only</i>
<i>Debby</i>	Sequoyah 1,2	4LW	<i>NONE</i>
	Sizewell B	4LW	
	South Texas 1,2	4LW	
<i>Abby Fields</i>	Vogtle 1,2	4LW	<i>not sure</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
<i>Crystal Coney</i>	Calvert Cliffs	CE	<i>We have establish all our SRMP points, ISOCs, and Dose Rate trending have been implemented</i>
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
<i>Dan Stoltz</i>	ANO 2,1	CE, B&W	<i>CZT equipment being acquired, Trending in progress, No new points,</i>
	Crystal River	B&W	
	Davis Besse	B&W	
<i>Bill Meldrum</i>	Oconee 1,2,3	B&W	<i>Not sure</i>
<i>Stere Edelman</i>	TMI	B&W	<i>New pts added to CZT</i>
	Areva		
	EDF		
	Westing- house		

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Topic:			
Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Kono	Prairie Island 1,2	2LW	Have CZT, only mgmt can use. Abstract
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
Wade Mauer	Robinson	3LW	WE'VE PURCHASED A CZT. HAVE NOT USED YET.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
Tom Corbett	VC Summer	3LW	NOT SURE.
Harry Miller	Braidwood 1,2	4LW	THE ENTIRE PROGRAM
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	New points, dose rate trending. NO CZT, not sure about ISSCS
Shane Mosky	Comanche Peak 1,2	4LW	Have not implemented yet - Sept
David Miller	Cook 1,2	4LW	Cook implemented "Critical RPSurvey" Program in 2013. Covers SRMP points, use GELi, Comanche CZT, Michigan H3D. Data very helpful for Source Term Characterization
Rick Rogers	Diablo Canyon 1,2	4LW	NONE
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	NOT SURE
	Salem 1,2	4LW	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE
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Topic: <i>How do you develop your on-line ^{annual} estimate (on-line + outage)?</i>			
Contact (Name)	Plant	NSSS	Comments
<i>Buehl</i>	Seabrook	4LW	<i>Annual: History Outage: Task Breakdown.</i>
<i>Debbay</i>	Sequoyah 1,2	4LW	<i>Annual: History Outage History + Task Breakdown</i>
	Sizewell B	4LW	
	South Texas 1,2	4LW	
	Vogtle 1,2	4LW	
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
<i>Crystal Covey</i>	Calvert Cliffs	CE	<i>Annual estimates are developed via known work scope, estimated hours, previous/historical data, estimate man power required.</i>
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	<i>and outage duration,</i>
<i>Dan Stoltz</i>	ANO 2,1	CE, B&W	<i>Outage - Combination of historical info (for General RWP) and specific outage scope (for Specific RWP)</i>
	Crystal River	B&W	<i>Non-outage - Historical annual averages plus known projected scope, i.e. number of Dry Fuel Casks for the upcoming year.</i>
	Davis Besse	B&W	<i>minus specific big hither activities that do not repeat each yr.</i>
<i>Bill Meldrum</i>	Oconee 1,2,3	B&W	<i>Past history and known major jobs.</i>
<i>Steve Gelman</i>	TMI	B&W	<i>5 year plan</i>
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Providence, RI June 23-25, 2014

Topic: How do you develop your annual estimate (on-line & outage)?

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Jim Blessinger	Prairie Island 1,2	2LW	Default to January answer
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
WADE MAJOR	Robinson	3LW	Similar jobs / historic data & rates => outage on-line => use data rates & time + manpower est's from slips
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TEA CORBETT	VC Summer	3LW	OUTAGE ESTIMATE IS BASED ON WORK SCOPE ON-LINE IS BASED BASED ON PROJECTED PM SCHEDULE
Harry Miller	Braidwood 1,2	4LW	LOOK AT ALL APPROVED MODIFICATIONS AND PROJECTS AS FREEZE SCOPE IS 18 MONTHS OUTAGE AND 12 MONTHS ON-LINE
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	This is my question
SHARI MOSY	Comanche Peak 1,2	4LW	Known scope - Superior Goal - Target Goal - Threshold (BASED ON INFO PTS)
David Miller	Cook 1,2	4LW	We look at identified work scope & pull up historic data rate in work areas - Calculate annual estimate add some contingency
Rick Rogers	Diablo Canyon 1,2	4LW	outage est. developed from history & scope adjusted on-line history and project work
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	CALL ME
	Salem 1,2	4LW	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE
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Topic: How do you address abrasive work on RCS? Do you default to alpha level 3 until proven otherwise? How do you contain work?			
Contact (Name)	Plant	NSSS	Comments
Beehl	Seabrook	4LW	Low & Plant. & Smears Required @ 100 KDPm
Jeff N.	Sequoyah 1,2	4LW	WE NORMALLY EVALUATE AS THE JOB PROGRESSES. ^{Procedure} Revision in Progress
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Andy Fields	Vogtle 1,2	4LW	we don't post automatically; wait/post until conditions arise
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
Crystal Covey	Calvert Cliffs	CE	We use the historical data to pre-determine what we expect to be seen. No Posting until survey results indicate we need to, we decon, and use glove bags.
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
Dan Stoltz	ANO 2,1	CE, B&W	Precautions/requirements based on historical info to start work, then adjust as current data is obtained.
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Meldrum	Oconee 1,2,3	B&W	Developed pipe end prep glove bags with lanes. Prep inside, then decon.
Steve Edelman	TMI	B&W	Areas are classified based on historical data
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
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Topic: How do address abrasive work on RCS? Do you default to alpha level 3 until proven otherwise? How do you contain the work?

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
	Prairie Island 1,2	2LW	
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
Wade Miller	Robinson	3LW	looks like y will now w new EPR guidelines!
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CORBETT	VC Summer	3LW	WE DO NOT AUTOMATICALLY POST ALPHA 4K; WE DO POST AS CONDITIONS ARISE. WE USE ENG-CONTROLS BASED ON SCOPE.
Harry Miller	Braidwood 1,2	4LW	EACH AREA/SYSTEM IS BASELINED BASED ON HISTORICAL INFO. NOT LEVEL III
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Level II for Breaching Primary System
Shari Mosier	Comanche Peak 1,2	4LW	Based on Risks and Planned operation Start @ Level II
David Miller	Cook 1,2	4LW	We use engineering controls for abrasive work, per ALARA Brief, Industry OE Briefing.
Rick Rogers	Diablo Canyon 1,2	4LW	not automatically post. Base on historical surveys, monitor after surface prep.
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	At McGuire, Level II for Breaching Primary System
	Salem 1,2	4LW	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: How do you control vacuum cleaners in the RCA used for work in non-contaminated areas?

Comanche Peak

Contact (Name)	Plant	NSSS	Comments
<i>Deehl</i>	Seabrook	4LW	<i>All RCA vacs controlled</i>
<i>Dobk</i>	Sequoyah 1,2	4LW	<i>locked in cage + labeled (tagged) re-use only Vacs used in RCA are maintained in RCA</i>
	South Texas 1,2	4LW	
<i>Abby Fields</i>	Vogtle 1,2	4LW	<i>locked in cage + maintained in RCA; have issuance log & controlled by HP.</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
<i>Crystal Coney</i>	Calvert Cliffs	CE	<i>We locked all vacuum cleaners and assign them out when used for work.</i>
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
<i>Dan Stoltz</i>	ANO 2,1	CE, B&W	<i>All vacs in the RCA must be signed out by individual workers, an EAD with telemetry is assigned to vac, returned & locked in cage.</i>
	Crystal River	B&W	
	Davis Besse	B&W	
<i>Bill Meldrum</i>	Oconee 1,2,3	B&W	<i>Same as P. 1.</i>
<i>Steve Edelman</i>	TMI	B&W	<i>All vacs are controlled by procedure for issue/return</i>
	Areva		
	EDF		
	Westinghouse		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: How do you control vacuum cleaners in the RCA used for work in non-contaminated areas?

Comanche Peak

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Kristyn Kono	Prairie Island 1,2	2LW	All vacs controlled the same way, bodies locked to prevent opening, units kept in locked area & issued
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
	Robinson	3LW	After recent WANO eval, all vac's have wires locked & stored in caged area.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CORBET	VC Summer	3LW	ALL VACS HAVE LOCKING DEVICE ON THE PLUG AND HP CONTROLS THE KEY AND SIGNS KEY OUT TO WORKER.
Harry Miller	Braidwood 1,2	4LW	ALL VACS PROCEDURALLY CONTROLLED FOR ISSUE & RETURN.
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Not sure - Shari - email me w/ direct question and I'll find out for you - dana.page@duke-energy.com
	Comanche Peak 1,2	4LW	
	Cook 1,2	4LW	
	Diablo Canyon 1,2	4LW	Decon issues... secured to prevent opening
	Indian Point 2,3	4LW	
Steve Lisi	McGuire 1,2	4LW	SAME AS OVS USED IN CIA'S Locked & controlled the same
	Salem 1,2	4LW	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Providence, RI June 23-25, 2014

Topic: *WHAT'S YOUR SUCCESS STORY FOR VARIOUS DEPT (MAINT, I&C, ENG, OPS) ENGAGEMENT/OWNERSHIP OF ALARA, INCLUDING @ SITE ALARA COM. MTGS?*

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Kono	Prairie Island 1,2	2LW	Beginning to get ownership at worker level, drive by RP leads in field "challenging" (in friendly way) workers and have prizes to give. Shirts, coffee mugs, lunch bags, etc.
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
	Robinson	3LW	
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CORBETT	VC Summer	3LW	CONDUCT ALARA CAMPAIGNS THAT INCLUDE REPS. FROM OTHER DEPARTMENTS. THEY ARE VERY HELPFUL IN PUSHING MESSAGE
Harry Miller	Braidwood 1,2	4LW	SENIOR LEADERSHIP HOLDS DEPT. ACCOUNTABLE. ZEROLTS AR SUB-SAC; Meet week before SAC
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	We are up & down - some advocates better than others - call me :)
Shari Mosty	Comanche Peak 1,2	4LW	Operations dupl. Management involvement to reduce dose
David Miller	Cook 1,2	4LW	U.P. Stresses "Engagement" of all Discipline Team Members. RP developed RealTime Sentinal status displays for all Dept. Heads
Rick Rogers	Diablo Canyon 1,2	4LW	provides each RWP members & dose used from worker to Dept Head. 10 minute updates
	Indian Point 2,3	4LW	High impact teams for outage. Nothing special on-line
Steve Lisi	McGuire 1,2	4LW	Trending UAT much better each year can me
	Salem 1,2	4LW	

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Topic:			
Contact (Name)	Plant	NSSS	Comments
Baehl	Seabrook	4LW	Lots of room for improvement @ Def. Level
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Abby Fields	Vogtle 1,2	4LW	For outages, Williams does the best with tracking scaffold dose + showing dose ownership.
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
Crystal Couey	Calvert Cliffs	CE	We are starting to get more engagement and supervisor support. MECH has a very
	Ft. Calhoun	CE	active advocate reviewing all jobs weekly for possible savings. Getting more Engineers wanting to take ownership for their dose.
	Palisades	CE	Example: Systems has an Advocate Components has an Advocate
	Palo Verde 1,2,3	CE	Alara Suggestions are discussed at the Advocate meetings since the minds to fix the
	San Onofre 2,3	CE	solution are all there.
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Meldrum	Oconee 1,2,3	B&W	+ weld Scaffold Dose Adv. monitoring GEODS in real time from his computer, calling crew to relocate workers.
Steve Edelman	TMI	B&W	VP lead and is mandating ownership
	Areva		
	EDF		
	Westing-house		

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Topic: *WHAT'S YOUR SUCCESS STORY FOR VARIOUS DEPT (MAINT, ETC, ENG'G, OPS) ENGAGEMENT/OWNERSHIP OF ALARA, INCLUDING @ SITE ALARA COMM. MTGS?*

Contact (Name)	Plant	NSSS	Comments
	Seabrook	4LW	
<i>JEFF N.</i>	Sequoyah 1,2	4LW	<i>Currently struggling to get engagement. ONLY A FEW DEPTS ON BOARD</i>
	Sizewell B	4LW	
	South Texas 1,2	4LW	
	Vogtle 1,2	4LW	
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
<i>Crystal Coney</i>	Calvert Cliffs	CE	<i>During committee meeting (Alara) all department's are required to answer for their dose.</i>
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
<i>Dan Stoltz</i>	ANO 2,1	CE, B&W	<i>Carpenters/scaffold personnel involvement with RP/ALARA Tech assigned to scaffold crew, use of Laser Mapping for scaffold planning.</i>
	Crystal River	B&W	
	Davis Besse	B&W	
	Oconee 1,2,3	B&W	
<i>Steve Walms</i>	TMI	B&W	<i>VP is mandating ownership...</i>
	Areva		
	EDF		
	Westing-house		

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Topic:

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Kono	Prairie Island 1,2	2LW	No. We welded in transfer canal and used welding respirators. Interested in how you do this.
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
Wade Mizer	Robinson	3LW	Just did this for RO-28 - our Fall 2013 outage.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
Tom Corbett	VC Summer	3LW	No
Harry Miller	Braidwood 1,2	4LW	No
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	No - not that I am aware of
SHAR. Mosty	Comanche Peak 1,2	4LW	No
	Cook 1,2	4LW	
	Diablo Canyon 1,2	4LW	
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	No
	Salem 1,2	4LW	

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Topic: **SEQUOYAH: DOES YOUR STATION COUNT PRE-OUTAGE WORK AS "OUTAGE" or AS ONLINE DOWNS?**

Contact (Name)	Plant	NSSS	Comments
Boebel	Seabrook	4LW	Online. Outage Dose Referring to From Day Bkr opens to close
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Abby Fields	Vogtle 1,2	4LW	only work occurring during the "shutdown" period is considered outage.
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
Crystal Corey	Calvert Cliffs	CE	pre-outage work is counted for online
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
Dan Stoltz	ANO 2,1	CE, B&W	On-Line, Outage is Output Bkr Open to Bkr shut.
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Meldrum	Oconee 1,2,3	B&W	Online until the breaker opens
	TMI	B&W	
	Areva		
	EDF		
	Westing-house		

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Topic:			
Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Kono	Prairie Island 1,2	2LW	Mostly online
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
Wade Mauer	Robinson	3LW	"SWITCH OFF TO SWITCH-ON" is OUTAGE. EVERYTHING ELSE IS ON-LINE.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CORBETT	VC Summer	3LW	ON LINE
Harry Miller	Braidwood 1,2	4LW	ON LINE
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	NO - "pre-outage" is on-line - outage close is Breaker to Breaker
SHAR MOSTY	Comanche Peak 1,2	4LW	ON-Line
	Cook 1,2	4LW	
Rick Rogers	Diablo Canyon 1,2	4LW	on-line
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	on-Line
	Salem 1,2	4LW	

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