

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

Topic: Do you add H ₂ O ₂ Directly to Certy			
Contact (Name)	Plant	SSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
K. Kono	Prairie Island 1,2	2LW	No
	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	Yes - one of the few things CHOM. will allow us to add.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CORBETT	VC Summer	3LW	No
Henry Miller	Braidwood 1,2	4LW	Yes 7 litres
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	NOT sure - if you will email me directly I'll find out - dana.page@duke-energy.com
Sitar, Mosty	Comanche Peak 1,2	4LW	Not at this time
David Miller	Cook 1,2	4LW	Yes, I have chart of benefits for source term removal from last outage
Rick Rogers	Diablo Canyon 1,2	4LW	Yes
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	yes
	Salem 1,2	4LW	

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Topic: <i>Do you add H₂O₂ Directly to cooling</i>			
Contact (Name)	Plant	NSSS	Comments
<i>Buehl</i>	Seabrook	4LW	<i>NO. I would like more info.</i>
<i>Debby</i>	Sequoyah 1,2	4LW	<i>NO</i>
	Sizewell B	4LW	
	South Texas 1,2	4LW	
<i>Abby Fields</i>	Vogtle 1,2	4LW	<i>NO</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
<i>Crystal Covey</i>	Calvert Cliffs	CE	<i>yes</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>yes, first time this outage. See EPRI Technical Report for info, specifically for pool clarity.</i>
	Crystal River	B&W	
	Davis Besse	B&W	
<i>Bill Malden</i>	Oconee 1,2,3	B&W	<i>No</i>
<i>Steve Adams</i>	TMI	B&W	<i>No</i>
	Areva		
	EDF		
	Westing- house		

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

Topic: PRC-01 Resin - results after implementation, have there been any difference in beta-gamma:d ratios?

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	NOT SURE/ CONTACT ME @ wade.miller@duke-energy.com
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CORBETT	VC Summer	3LW	NO SURE
Harry Miller	Braidwood 1,2	4LW	Have detailed data from CBT scans, w/CO ₃₈ → CO ₄₀ RETROS. 815-417-2713
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	we use PuroLite
Steve Mosby	Comanche Peak 1,2	4LW	No change in isotopes
Dave Miller	Cook 1,2	4LW	Yes. I can send you the 12 years of 8/d ratio changes. As Co-60 source is reduced, 75-95 and other increase by ratio.
Rick Rogers	Diablo Canyon 1,2	4LW	NO, now use PuroLite
	Indian Point 2,3	4LW	
	McGuire 1,2	4LW	
	Salem 1,2	4LW	

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Topic: PRC-01 Resin - results after implementation, have there been any beta-gamma:d ratio changes after implementation?			
Contact (Name)	Plant	NSSS	Comments
Bechl	Seabrook	4LW	No major changes in ISO Mix for years
Dobby	Sequoyah 1,2	4LW	NOT using
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Arby Fields	Vogtle 1,2	4LW	not sure
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
Crystal Cove 410 495 2681	Calvert Cliffs	CE	I don't believe we use that Resin at Calvert.
	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	Do not use PRC-01 at ANO.
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Meldrum	Oconee 1,2,3	B&W	Don't use
Steve Edelman	TMI	B&W	Results pending
	Areva		
	EDF		
	Westinghouse		

McGuire

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

Topic: <u>Who has a "State of the Art" Dose Advocate Program</u>			
Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Knystyn Kono	Prairie Island 1,2	2LW	- No
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
WADE MURON	Robinson	3LW	NOT YET IS RECENTLY BEGAN DOSE ADVOCATE PRGM LAST COUPLE OF MONTHS.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CORBETT	VC Summer	3LW	NOT USING DOSE ADVOCATES BUT USE SHOP REPS DURING ACARA CHALLENGES
Henry Miller	Braidwood 1,2	4LW	EACH DEPT HAS DOSE ZEALOT WHO ESTIMATES (WITH RP HELP) & OWNS. THEY ARE AT SAC TO DISCUSS MONTHLY ESTIMATES
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Not yet
SHAR. MOSTY	Comanche Peak 1,2	4LW	Not yet
David Miller	Cook 1,2	4LW	Cook has alternate approach with Sentinel front end real time RWP dose tracking system available to Dept. Heads
Rick Rogers	Diablo Canyon 1,2	4LW	NOT US, I'm interested in the answer though.
	Indian Point 2,3	4LW	
	McGuire 1,2	4LW	
	Salem 1,2	4LW	

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Topic:			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	not Seabrook
Debby	Sequoyah 1,2	4LW	we are using the program having some problems
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Ally Feltz	Vogtle 1,2	4LW	not yet; working in that direction by creating "dose awareness champions" for dept. ownership
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
Crystal Covey 410 495 2681	Calvert Cliffs	CE	Not yet. working on getting more engagement and ownership from the department advocates.
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
Don Stolte	ANO 2,1	CE, B&W	Definitely Not
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Melder	Oconee 1,2,3	B&W	Working towards one, still have a way to go.
Steve Edelman	TMI	B&W	I'll let you know in Jan.
	Areva		
	EDF		
	Westinghouse		

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

Topic: <i>use of EDEX PRO on con SQN</i>			
Contact (Name)	Plant	NSSS	Comments
<i>Boehl</i>	Seabrook	4LW	<i>Limited use to SG Jumps typically. ^{more power} intensive</i>
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
<i>Abby Fields</i>	Vogtle 1,2	4LW	<i>Pro-works ^{very} well with SG jumps / ^{dose savings} MSIP-not ^{work} worthwhile</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
<i>Crystal Covey 410 495 2681</i>	Calvert Cliffs	CE	<i>Pro-Also the S/G jumps and for other job specific evolutions where the PHP or Alara Supervisor deems needed.</i>
	Ft. Calhoun	CE	<i>Con- It is time and resource consuming. ^{for} Projects with many people.</i>
	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>Definitely PRO, and frequently in conjunction with personal shield vest.</i>
	Crystal River	B&W	
	Davis Besse	B&W	
<i>Bill Meldrum</i>	Oconee 1,2,3	B&W	<i>Don't use</i>
<i>Steve Edelman</i>	TMI	B&W	<i>Use for specific tasks</i>
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

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

Topic:

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Kono	Prairie Island 1,2	2LW	Do not use.
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
WADE MUIR	Robinson	3LW	MORE ACCURATE DOSE MEASUREMENT TYP $\Rightarrow$ LOWER CUM. DOSE. BUT, UNDERSTAND FIELD GRADIENT TO SEE OPTIONS ON HOW MANY MULTI-PLATES YOU REALLY NEED. HAVE LOTS OF DATA FROM KVH INSPECTION @ HARRIS NP.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TOM CARBETT	VC Summer	3LW	WE HAVE USED FT FOR RX HEAD REPAIR WORK AND HAS BEEN A GOOD THING. SO. PRO
Harry Miller	Braidwood 1,2	4LW	Resource intensive but use on sig cavity decon. sometimes on special projects (MSIP etc)
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Pro for sure if used correctly Low procedure is currently used - AND knows how to do it right!
SHARI MOSTY	Comanche Peak 1,2	4LW	Cavity - 5/6 Previous Outage 3.4 Rem Difference
Rick Rogers	Cook 1,2	4LW	Pro. cavity / SG
	Diablo Canyon 1,2	4LW	
	Indian Point 2,3	4LW	
SLISI	McGuire 1,2	4LW	yes, Limited
	Salem 1,2	4LW	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE
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Topic: WHILE ON LINE ~~IS~~ YOUR CAVITY POSTED VHRA OR LHRA?

IF LHRA, HOW DO YOU DETERMINE THE DOSE RATES?

VC. SUMMER

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Koro	Prairie Island 1,2	2LW	Included in CTMT LHRA posting, but has a "Plant Managers" lock on the gate
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
	Robinson	3LW	LHRA - rates measured "on way out" of outage.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Henry Miller	Braidwood 1,2	4LW	LHRA - AROU & ARO2 ARMS. CTMT POSTED, & LOCKED
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	LHRA
SWAR. Mosty	Comanche Peak 1,2	4LW	LHRA - Area not entered online CAVITY Ladder locked
Rick Rogers	Cook 1,2	4LW	LHRA - No entry, extrapolated from Sunday survey
	Diablo Canyon 1,2	4LW	
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	LHRA
	Salem 1,2	4LW	

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Topic:			
Contact (Name)	Plant	NSSS	Comments
Beeh/	Seabrook	4LW	LHRA Posting @ Personell Hatch
Debby	Sequoyah 1,2	4LW	our equip pit is posted LHRA use post when down dose rates are survey
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Abby Fields	Vogtle 1,2	4LW	LHRA
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
Crystal Covey 410 495 2487	Calvert Cliffs	CE	LHRA Posted at the Air lock
	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	LHRA Historical Surveys, we don't allow access without very low Rx Power or shutdown.
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Meldrum	Oconee 1,2,3	B&W	Our whole Containment is LHRA at the door
Steve Edelman	TMI	B&W	LHRA ; Ladder lock
	Areva		
	EDF		
	Westing-house		

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

ANO
Question

Topic: When wearing a Lapel Air Sampler in conjunction with a Delta suit or bubble suit, do you sample air outside the suit or inside the suit?

Contact (Name)	Plant	NSSS	Comments
	GINNA	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Kono	Prairie Island 1,2	2LW	if its an alpha issue then inside
	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	Since verifying effectiveness of SNB's or PPE CONTROLS, SHOULD BE INSIDE.
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
TON CORRETT	VC Summer	3LW	OUTSIDE
Harry Miller	Braidwood 1,2	4LW	
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	I'm not sure - I will check and send you an email -
Supri. Mosty	Comanche Peak 1,2	4LW	Do not monitor with Lapels in DS or BSuits
	Cook 1,2	4LW	
Rick Rogers	Diablo Canyon 1,2	4LW	We do not use suits
	Indian Point 2,3	4LW	
S.L.	McGuire 1,2	4LW	Outside
	Salem 1,2	4LW	

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

Topic: When wearing a Lapel Air Sampler in conjunction with a Delta Suit or bubble suit, do you sample air inside the suit or outside the suit?

Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	we Don't wear BZAs in Δ Suits
Jeff N.	Sequoyah 1,2	4LW	WE DON'T USE LAPEL when USING SUPPLIED AIR.
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Andy Fields	Vogtle 1,2	4LW	we don't use lapels
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
	Calvert Cliffs	CE	
	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	Outside currently, but under evaluation.
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Meldrum	Oconee 1,2,3	B&W	we don't use lapels in conjunction with Delta suits.
Steve Edelmas	TMI	B&W	Not sure i will get back to you
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Providence, RI

June 23-25, 2014

VC. SUMMER.

Topic:

ARE YOU WRITING RWP'S BASED ON SPECIFIC JOBS OR
ARE YOU WRITING BASED ON RAD CONDITIONS THROUGHOUT PLANT (RA, HRA)?

Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Krystyn Kono	Prairie Island 1,2	2LW	Both. Generic for standard work, specific for specialty work, filters, resin hics, high dose values 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	BOTH
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	BOTH. HIGH DOSE SPECIFIC BUT ALSO HAVE AREA BASED ADDITIONAL CONTROL
	Byron 1,2	4LW	
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Both. some RWPs are written for specific jobs with different tasks for dose rate - some are written for specific jobs and or general w/work group tasks
Silvia Morisy	Comanche Peak 1,2	4LW	RWP's based on job, areas, conditions, risks
	Cook 1,2	4LW	
Rick Rogers	Diablo Canyon 1,2	4LW	Yes both.
	Indian Point 2,3	4LW	
S. L.	McGuire 1,2	4LW	RWP based on job, tasks for conditions
	Salem 1,2	4LW	

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

Topic:			
Contact (Name)	Plant	NSSS	Comments
Green	Seabrook	4LW	General RHPs w/ ~4 tasks
Debbi	Sequoyah 1,2	4LW	Both
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Abby Fields	Vogtle 1,2	4LW	Both - general and specific RHPs are written for outage & non-outage (we use green, yellow & red colors for rad conditions present)
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
Crystal Covey 410 495 2687	Calvert Cliffs	CE	Both for now and some RHPs will be changing but will still have site specific job RHPs
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
Dan Stolte	ANO 2,1	CE, B&W	Both - General RHPs are based on Plant Conditions - Specific RHPs for special work/rad safety precautions
	Crystal River	B&W	
	Davis Besse	B&W	
Bill Meldrum	Oconee 1,2,3	B&W	RHPs for jobs, tasks for specific components or conditions
Steve Edelman	TMI	B&W	Routine RHPs by department & specific
	Areva		
	EDF		
	Westing-house		

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