

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – EDEX monitoring: Do you set all ED's for the same set-point or do you have different settings for different body locations.

Contact (Name)	Plant	SSSS	Comments
K Holmes	Ginna	2LW	SAME
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARDEN	Prairie Island 1,2	2LW	DO NOT USE EDEX MONITORING
	Ringhals 2,3,4	2LW 3LW	
JEFF Fontaine	Beaver Valley 1,2	3LW	They can be varied depending on task
	Farley 1,2	3LW	Set point depends on activity and location and RWP Alarm set-points
	Harris	3LW	
R. MCINT	North Anna 1,2	3LW	SAME
J Barber	Robinson	3LW	Same
JEFF Wagner	Surry 1,2	3LW	SAME
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	same
FRANK Pasloski	Byron 1,2	4LW	SAME
	Callaway	4LW	
Doree Poge	Catawba 1,2	4LW	NOT SURE - our EDEX procedure was so hosed - we stopped using it - are now revising
	Comanche Peak 1,2	4LW	
David W. Miller	Cook 1,2	4LW	EDEX not being used currently. Doses are low so not warranted as current average RWP's.
R. Rogers	Diablo Canyon 1,2	4LW	All the same
	Indian Point 2,3	4LW	
S. Lister	McGuire 1,2	4LW	Same
C. TOFT	Salem 1,2	4LW	DO NOT USE EDEX MONITORING

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – EDEX monitoring: Do you set all ED's for the same set-point or do you have different settings for different body locations.

Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	Different Setpoints per weighing factors.
	Sequoyah 1,2	4LW	
	South Texas 1,2	4LW	
Andy Fields	Vogle 1,2	4LW	same
	Watts Bar	4LW	DO NOT USE EDEX.
John Cuffe	Wolf Creek	4LW	All the same
	Millstone 3,2	4LW, CE	
Ray Lopez	Calvert Cliffs	CE	SAME
	Ft. Calhoun	CE	
J Smith	Palisades	CE	SAME
S. Williams	Palo Verde 1,2,3	CE	Same
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	Use EDEX very rarely but same setpoints when we do.
	Oconee 1,2,3	B&W	
Steve Edelman	TMI	B&W	Same
	Areva		
	EDF		
	Westing-house		

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – How do you set your outage goals? Do you set it by departments, RWP's, INPO points?

Contact (Name)	Plant	NSSS	work	Comments
Kim Holmes	Ginna	2LW	Groups - RWPs - Scope of work (re: sig outage on not)	Business Plan Gen 1 w/ Challenge
	Kewaunee	2LW		
	Point Beach 1,2	2LW		
DOUG WARREN	Prairie Island 1,2	2LW		OUTAGE PLE & Dose
	Ringhals 2,3,4	2LW 3LW		
JEFF Fontaine	Beaver Valley 1,2	3LW		Department + Project goals are summed
	Farley 1,2	3LW		work scope and historical
	Harris	3LW		
RICK MITT	North Anna 1,2	3LW		RWPs based on work scope
J Barber	Robinson	3LW		Dose for RWPs and dose for work orders + ATA SAC - emphasis on not losing INPO points
JEFF WRIGHT	Surry 1,2	3LW		RWPs
	Turkey Point 1,2	3LW		
	VC Summer	3LW		
Harry Miller	Braidwood 1,2	4LW		SCOPE / RWPs / DEPT.
Frank Podask	Byron 1,2	4LW		Scope / Dept ; Projects / RWPs
	Callaway	4LW		
Doree Page	Catawba 1,2	4LW		by work activity - we have many "buckets" - we do look a impact to INPO points but based on scope it is what it is. I'll send you a copy.
	Comanche Peak 1,2	4LW		
David Miller	Cook 1,2	4LW		Scope / Projects / Historic dose rate on RWPs
R. Rogers	Diablo Canyon 1,2	4LW		By RWP & Total
	Indian Point 2,3	4LW		
S. Lisi	McGuire 1,2	4LW		By Major work Activities Routine work-based on history, expected DK's AND work Activities
G. TOFT	Salem 1,2	4LW		By TOTAL OUTAGE DOSE & PLE's

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – How do you set your outage goals? Do you set it by departments, RWP's, INPO points?

Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	By Protect for major projects, By Dep for Bulk work
	Sequoyah 1,2	4LW	
	South Texas 1,2	4LW	
C. Baure	Vogtle 1,2	4LW	scope / RWP's / Dept outage dose & PCE goals for plant; dept goals as well
G. Thomas	Watts Bar	4LW	DEPT. & MAJOR PROJECTS (DOSE); PCE - OUTAGE
J. H. Calk	Wolf Creek	4LW	By RWP's, by scope of work
	Millstone 3,2	4LW, CE	
Crystal Covey	Calvert Cliffs	CE	Dose goals are set via each RWP at a 10% reduction per department.
	Ft. Calhoun	CE	
J. SMITH	Palisades	CE	SCOPE / RWP / PROJECT ESTIMATES DOSE GOALS SET BY CORPORATE MGMT
Swilliams	Palo Verde 1,2,3	CE	scope / department historical data /
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	RWP's. by scope of work.
Phil Kelley	Oconee 1,2,3	B&W	SCOPE / HISTORICAL DATA / major projects
Steve Elchman	TMI	B&W	scope (Best ever data)
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – Has any one tried to flush letdown piping prior to an outage by elevating the temperature and by-passing demins

Contact (Name)	Plant	NSSS	Comments
Jack McGrath	Ginna	2LW	NO
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARREN	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	No
	Farley 1,2	3LW	no
	Harris	3LW	
R McVitt	North Anna 1,2	3LW	NO
	Robinson	3LW	
Jeff Warren	Surry 1,2	3LW	No
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	NO. STANDARD FLOW RATES 120gpm
Frank Peszek	Byron 1,2	4LW	No
	Callaway	4LW	
Dane Page	Catawba 1,2	4LW	-NO
	Comanche Peak 1,2	4LW	
Dan Miller	Cook 1,2	4LW	No
R. Rogers	Diablo Canyon 1,2	4LW	NO. Let me know how it works.
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	NO
G. Toft	Salem 1,2	4LW	NO

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – Has any one tried to flush letdown piping prior to an outage by elevating the temperature and by-passing demins

Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	NO, LetDown is in Shielded Case
	Sequoyah 1,2	4LW	
	South Texas 1,2	4LW	
CBourne	Vogtle 1,2	4LW	No
	Watts Bar	4LW	No
	Wolf Creek	4LW	No
	Millstone 3,2	4LW, CE	
Ray Lopez	Calvert Cliffs	CE	No but if you are planning to do this would like to see results
	Ft. Calhoun	CE	
J Smith	Palisades	CE	No. Would Love To Know Outcome
J. Gygis	Palo Verde 1,2,3	CE	Yes, But only for LDHX Ect. Gravity drain + Fill
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MAK SIDOTI	Davis Besse	B&W	No
Phil Kelly	Oconee 1,2,3	B&W	NO
Steve Edelman	TMI	B&W	No
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – RWP's written for radiological medium or high risk activities, how do you back out of the RWP requirements once the risk has been eliminated.

Contact (Name)	Plant	NSSS	Comments
Kim Holmes	Ginna	2LW	ALARA PLAN RWP Have Direction - Station Personnel/Hotel Pts & Supervisory Oversight
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARREN	Prairie Island 1,2	2LW	UNSURE
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	Procedure for RWP provides if no longer medium then it is considered low
	Farley 1,2	3LW	
	Harris	3LW	
QMKH	North Anna 1,2	3LW	RWP WRITTEN w/ multiple TRS
J. Becker	Robinson	3LW	Once no longer Med or High Sign in no Low Risk Task
Jeff W. Brown	Surry 1,2	3LW	RWP's WRITTEN w/ MITIGATING ACTIONS INCURRED FROM RWP PLANS
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	can have contingency or multiple risks in RWP. Once one is done lower to 2nd?
Frank Pasloske	Byron 1,2	4LW	WE HAVE Hld Point : Briefing Requir Accet To Risk.
	Callaway	4LW	
Dona Page	Catawba 1,2	4LW	Shari - please email this to me and let me send it to our field supervisor to give you the most accurate answer.
	Comanche Peak 1,2	4LW	
	Cook 1,2	4LW	
R. Rogers	Diablo Canyon 1,2	4LW	Requirements are written to be "met", then work can proceed.
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	RWP's NOT WRITTEN BASED ON RISK
C. TOFT	Salem 1,2	4LW	WE DO NOT WRITE RWP'S BASED ON RISK ITS THE WORK GROUPS RESPONSIBILITY TO PERFORM A IPA OR HLA BRIEF

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – RWP's written for radiological medium or high risk activities, how do you back out of the RWP requirements once the risk has been eliminated.

Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	Can Select tasks to clear Approvals Daily.
	Sequoyah 1,2	4LW	
	South Texas 1,2	4LW	
	Vogtle 1,2	4LW	
G. Thomas	Watts Bar	4LW	RWP CAN BE REVISED AS REQUIRED
	Wolf Creek	4LW	Requirements are written for risk. Change RWP upon risk
	Millstone 3,2	4LW, CE	
Crystal Cowley	Calvert Cliffs	CE	Per the Rad. manager permission
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	WE HAVE A PROCEDURE THAT DRIVES RISK ASSESSMENTS
J. Bygger	Palo Verde 1,2,3	CE	Use low risk tasks added to REP
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	RWP Tasks stay & evaluated risk. The w.o. / guiding document outlines the risk admin requirements. This is only enacted during the risk
Phia Kelly	Oconee 1,2,3	B&W	
	TMI	B&W	Risk - General manager make the call
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – Are daily/weekly dose projections flanged against the annual goals?
If so how?

Contact (Name)	Plant	NSSS	Comments
Kim Adams	Ginna	2LW	SAC approved Month In Advance Projections
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Dade WARREN	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	yes - each day at Manager's meeting
	Farley 1,2	3LW	
	Harris	3LW	
R. McArthur	North Anna 1,2	3LW	yes (daily/weekly against monthly)
J Barber	Robinson	3LW	NO
Jeff Wamont	Surry 1,2	3LW	YES
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Henry Miller	Braidwood 1,2	4LW	MONTHLY yes (daily/weekly against monthly)
Frank Paslack	Byron 1,2	4LW	YES
	Callaway	4LW	
Dane Page	Catawba 1,2	4LW	No - most of the annual is historical w/ added non-routine. Weekly dose better defines through the year.
	Comanche Peak 1,2	4LW	
David Miller	Cook 1,2	4LW	Yes, Routinely discussed at ALARA Committee.
R. Rogers	Diablo Canyon 1,2	4LW	Yes. Projected, monitored & adjusted to the annual goal.
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	no, weekly estimates are based on w/o's planned for week, not related to annual goal
G. Toft	Salem 1,2	4LW	yes thru SAC.

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – Are daily/weekly dose projections flanged against the annual goals?
If so how?

Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	T+1 Reviews, Monthly Assessments, Daily Tracking, Quarterly Mgt Review
	Sequoyah 1,2	4LW	
	South Texas 1,2	4LW	
Ally Fieds	Vogtle 1,2	4LW	Monthly + Yes, we set an annual goal + then weekly goals based on system outages, projects, etc. weekly goals are compared/approved at T-meetings.
G. Thomas	Watts Bar	4LW	No, Monthly
	Wolf Creek	4LW	Yes - monthly vs annual
	Millstone 3,2	4LW, CE	
Crystal Carey	Calvert Cliffs	CE	Yes - monthly vs. annual
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	Yes Bi-Weekly ALARA Committee Mtg.
J. Geyer	Palo Verde 1,2,3	CE	Yes, discussed in daily / weekly meetings
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	Yes. ALARA Committee approvals then prepare monthly per Work Sched.
Phil Kelly	Oconee 1,2,3	B&W	NE
	TMI	B&W	
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – How do you deal with the pushback from the work groups when stopping and evaluating for alpha? (RP Hold)

Contact (Name)	Plant	NSSS	Comments
Kim Helms	Ginna	2LW	Not An Issue @ Ginna
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doug WARREN	Prairie Island 1,2	2LW	HAVE NOT HAD THIS PROBLEM. IN PART, ONLY HAVE IMPLEMENTED ALPHA PROGRAM FOR ONE OUTAGE
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	Place hold point in RWP or WorkOrder
	Farley 1,2	3LW	
	Harris	3LW	
R McNeill	North Anna 1,2	3LW	No issues
J Barber	Robinson	3LW	Just one more "HP Hold up" for us
Jeff Wright	Surry 1,2	3LW	No Issues
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	NO ISSUE. PROCEDURE DRIVEN.
Frank Paslack	Byron 1,2	4LW	Embedded in our Process No ISSUE
	Callaway	4LW	
Doree Page	Catawba 1,2	4LW	No issue
	Comanche Peak 1,2	4LW	
Dan W. Miller	Cook 1,2	4LW	use RP Hold point in schedule. Good support from management
R. Rogers	Diablo Canyon 1,2	4LW	Anticipated & time scheduled for the work
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	NOT AN ISSUE
G. Toft	Salem 1,2	4LW	NO ISSUES WE HAVEN'T HAD TO STOP ANY WORK

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Topic: Comanche Peak – How do you deal with the pushback from the work groups when stopping and evaluating for alpha? (RP Hold)

Contact (Name)	Plant	NSSS	Comments
Baehl	Seabrook	4LW	Very little
	Sequoyah 1,2	4LW	
	South Texas 1,2	4LW	
	Vogtle 1,2	4LW	
G. Thomas	Watts Bar	4LW	NO - ALPHA IS NOT SIGNIFICANT AT THIS TIME THIS WOULD BE A PART OF RANNEY PROCESS
John Calk	Wolf Creek	4LW	No issue
	Millstone 3,2	4LW, CE	
Crystal Covey	Calvert Cliffs	CE	include it as a hold point with the ALARA plans and micro.
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	EVALUATED PRIOR TO WORK. WE HAVE LOTS OF ALPHA. WORK GROUPS ALLOW/KNOW THIS IS A ISSUE
J. Byger	Palo Verde 1,2,3	CE	No issue, procedure driven
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SPOTI	Davis Besse	B&W	None pushback. It is in the ALARA Plan.
Phil Kelly	Oconee 1,2,3	B&W	Level 3 ALPHA PLAN IT'S NORMAL NO ISSUES
	TMI	B&W	
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: Do you use strippable coating for cavity decon?			
Contact (Name)	Plant	NSSS	Comments
Kim Holmes	Ginna	2LW	InstalGTE
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUBLE WARREN	Prairie Island 1,2	2LW	NOW USE MAC-BOND RESIN THAT USED ONCE, LOWERS CAVITY CATEGORIES, USE BRASS/ALUMINUM
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	we have. It was successful. No longer used
	Farley 1,2	3LW	not yet
	Harris	3LW	
Emmitt	North Anna 1,2	3LW	NO
J Barber	Robinson	3LW	NO
JEFF WRIGHT	Surry 1,2	3LW	NO
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	NO
FRANK PASADIC	Byron 1,2	4LW	NO
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	NO
SHAR, Mosty	Comanche Peak 1,2	4LW	Yes
David Miller	Cook 1,2	4LW	Not for last 3 cycle
R. Rogers	Diablo Canyon 1,2	4LW	NO
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	NO
G. Toft	Salem 1,2	4LW	yes BY MASTER LEE

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
Beehl	Seabrook	4LW	he did in 2009, planning on it in 2015
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
AUDY FIELDS	Vogtle 1,2	4LW	NO.
G. Truitt	Watts Bar	4LW	MASTER-LEE PRODUCTS
	Wolf Creek	4LW	No
	Millstone 3,2	4LW, CE	
Crystal Conner	Calvert Cliffs	CE	not at this time. Have in the past with little success but we are now engaging the idea again
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	No But Analyzing Now (MASTER LEE)
J. Gygel	Palo Verde 1,2,3	CE	No
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
Marc Sidor	Davis Besse	B&W	No
	Oconee 1,2,3	B&W	
Steve Edelman	TMI	B&W	No
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Key West, FL

January 20-22, 2015

Contact (Name)	Plant	NSSS	Comments
Topic: DOSE Reduction Refueling (Outage)			WE do 6-6.5R Need 3-4R
Kim Holmes	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARREN	Prairie Island 1,2	2LW	SHIELD REFUEL BRIDGE FLOOR
	Ringhals 2,3,4	2LW 3LW	
JEFF Fontaine	Beaver Valley 1,2	3LW	utilize 0.2 micron filters in Tri-NUC to filter water
	Farley 1,2	3LW	u-1 outage - 22.1 u-2 outage 29.2 (EOPDSE) - PZR Htr replacement
	Harris	3LW	
R. M. A. T.	North Anna 1,2	3LW	macro per m Kern, OPT Refuel dose reduced by 50%
Jerry Barber	Robinson	3LW	Macro porous resin used to clean up RWST, UF600 lpm Maximize RCS cleanup prior to lifting head
JEFF Wagner	Surry 1,2	3LW	Maximize Water Level
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	RWST = $1E-8$ gCi/cc, RCS = 0.015 gCi/cc, TRI-NUKES .05 micron,
Frank Paslaski	Byron 1,2	4LW	Similar to Braidwood. shield Refuel Bridge Floor - maintain cavity H ₂ O level
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	email me @ dana.page@duke-energy.com
Steve Mosley	Comanche Peak 1,2	4LW	RWST clean-up Tri-nuks - EDEX
David Miller	Cook 1,2	4LW	Cavity Decon 50% less time & dose due to low source term
R. Rogers	Diablo Canyon 1,2	4LW	shield fuel bridge/mast. filter skimmer
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	Water Cleanup in essential, in plant Denius or portable
	Salem 1,2	4LW	

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	SSS	Comments
Boehl	Seabrook	4LW	Detailed work Planning, Craft ownership, Flashes Shielding, Water mgmt,
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
C. Bouene	Vogtle 1,2	4LW	PARC can drive if get engagement - need support for perm. scuff, shielding; expanded filtration, demins, zinc, fuel cleaning, p
G. Thomas	Watts Bar	4LW	Shielded Refuel Bridge / TRI-Nuc
J. Luffe	Wolf Creek	4LW	Shielded RF BRIDGE - UTILIZATION OF TRI-Nuc FILTERS
	Millstone 3,2	4LW, CE	
Crystal Covey	Calvert Cliffs	CE	Have mechanical maintenance provide inspection pictures/videos of valve internals to ISI/NDE. Also supervisor oversight via camera and headset
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	WATER MANAGEMENT / 400000 lbs Shielding
J. Geyer	Palo Verde 1,2,3	CE	Shield Refuel Machine Floor, skimmer in RF Pool
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
Marc Sidoti	Davis Besse	B&W	email me @ msidoti@firstenergy corp. com
	Oconee 1,2,3	B&W	
Steve G. Salmer	TMI	B&W	Shield bridge / c/v systems / flood up water 20.0244/15
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:

WHAT ARE YOUR RECENT PCE REDUCTION INNOVATIONS ?

Contact (Name)	Plant	SSSS	Comments
Kim Holmes	Ginna	2LW	Ginna Is Also A Relatively Clean Plant - Up Until Recently we posted CA's @ 500dpm/100cm ² Current Year 1 PCE LAST OUTAGE WAS 500dpm - 4 PCE's - Focus w/ good Rad Worker practices & Supervisory Oversight Programs
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doug WARREN	Prairie Island 1,2	2LW	PI posts CA AT 100dpm/100cm ² . Almost All of CA that is 100-1000dpm. CLEAN PLANT. LAST OUTAGE 12 PCE
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	Draft Undressing station, multiple decon of doffing area each shift, HCA entry training
	Farley 1,2	3LW	Routine clean area mopping; dedicated decon crews & clean-up areas ASAP; monitor workers for sweat-through
	Harris	3LW	
Rmick	North Anna 1,2	3LW	Down draft at cavity entry AND at undress exit biggest thing is keep people cool
J Barber	Robinson	3LW	Lock out RCA Talk to KPM for PCE coded Rad Worker practices - Code all to "most likely" source
Jeff Wagner	Surry 1,2	3LW	KEEP Containment Cool - Ventilation
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	MOST PCEs ARE FROM RX CAVITY SO GET RCS ACTIVITY LOW PRIOR TO FLOOD-UP
Frank Pesleski	Byron 1,2	4LW	Water management w ops, scheduled Floor cleaning
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Double SOP's, increased mopping in containment during upcoming outage, PCE one piece pc's, Dynamic Learning Centers
SHARI Mosity	Comanche Peak 1,2	4LW	PCE plan - mopping & cleaning of Areas daily
David W. Miller	Cook 1,2	4LW	Use of new technology CZT H3D to look for potential in clean areas, at Containment egress & lifting rigging & Straps
	Diablo Canyon 1,2	4LW	
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	E-MAIL me for info
G. JOFT	Salem 1,2	4LW	WE STATION JR HP'S AT GUL AIRLOCK TO MONITOR UNDRESSING.

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	Defense in Depth, Sticky Floor, PC Use, And Worker Presence, Observations, TR. RP @ Steloff Prod...
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
C. Bourne	Vogtle 1,2	4LW	RCA exclusions, Human Perf. Review Boards to capture learnings. Use of ultra Ours
G. T. Harris	Watts Bar	4LW	Minimize CA; OREX; EXCL PCE Req. Formal Inviest; 10 RE LAST OUTAGE
J. Caff	Wolf Creek	4LW	KEEP CA down, increase down for hi containment area
	Millstone 3,2	4LW, CE	
Ray Lopez	Calvert Cliffs	CE	Routine Mass Lin & Mopping Clean Area checks 3X weeks
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	MITIGATION PLAN TO LARGE TO PUT HERE - PCE'S ARE LOCKED OUT OF RCA PENDING RETURN OF RPM APPROVAL.
J. Gygis	Palo Verde 1,2,3	CE	Down Draft SOPs / 50K dpm/100cm ² HCA
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	We maintain DB very clean. Had 0 PCE's online and 28 PCE's during SGRP. Found Downdraft Filter slow the work down during ducting process.
Phil Kelly	Oconee 1,2,3	B&W	Lock out of RCA / Group manager / RPM approval TO ENTER.
Steve Edelman	TMI	B&W	Heavy decon efforts (extra help)
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: Does your station have economic rewards for meeting outage ALARA goals?			
Contact (Name)	Plant	NSSS	Comments
Kim Holmes	Ginna	2LW	NO but, ALARA gets for work groups
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doyle Walker	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	No
	Farley 1,2	3LW	No, there is a program for Alara suggestions based on quality of ideas.
	Harris	3LW	
Orman	North Anna 1,2	3LW	yes - ALARA Goals - OUTAGE INCENTIVE
Jerry Barker	Robinson	3LW	No
Jeff Warner	Surry 1,2	3LW	YES. ALARA GOALS PART OF AN OUTAGE INCENTIVE DAY
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	Yes. 1/2 day off if meets dept & station dose goal.
Frank Reszsk.	Byron 1,2	4LW	YES. CAKE or Pie.
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Yes - Short term incentives are tied to onlined outage goals.
Shari Mosh	Comanche Peak 1,2	4LW	Built into yearly bonus % - Outage 2hrs off \$100-
David Miller	Cook 1,2	4LW	Built into Yearly Bonus Same
R. Rogers	Diablo Canyon 1,2	4LW	Yes, vacation time
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	Yes short term incentives are tied to dose - including outages
G. Toft	Salem 1,2	4LW	NO

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	Calculated in Bergen Unit Bonus.
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
C. Bourne	Vogtle 1,2	4LW	Not specifically. Will celebrate overall outage successes if goals met. Dose is one of the outage goals.
GEORGE THOMAS	Watts Bar	4LW	YES, TIED TO OVERALL OUTAGE GOALS.
	Wolf Creek	4LW	Yes, it is attached to our yearly performance.
	Millstone 3,2	4LW, CE	
	Calvert Cliffs	CE	Part of incentives, maybe a snack like Donuts as Employees come to work as an immediate reward
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	No NOT ALLOWED DUE TO CORP ISSUES
T. Byger	Palo Verde 1,2,3	CE	Yes Part of outage incentive
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MADE SIDOTI	Davis Besse	B&W	No.
	Oconee 1,2,3	B&W	YES ALARA DRIVEN BY TEAM.
Steve Edelman	TMI	B&W	No
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <u>Do you have a Permanent Head Shield</u>			
Contact (Name)	Plant	NSSS	Comments
	GINNA	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
<u>DOUG WARREN</u>	Prairie Island 1,2	2LW	<u>NO</u>
	Ringhals 2,3,4	2LW 3LW	
<u>Jeff Fontaine</u>	Beaver Valley 1,2	3LW	<u>BV-1 - have shielding built into new head</u> <u>BV-2 - No</u>
	Farley 1,2	3LW	<u>No</u>
	Harris	3LW	
<u>R. McMillan</u>	North Anna 1,2	3LW	<u>Yes</u>
<u>Jimmy Barber</u>	Robinson	3LW	<u>Yes - Integrated into new Head package</u> <u>when head replaced</u>
<u>Jeff Warner</u>	Surry 1,2	3LW	<u>No.</u>
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
<u>Harry Miller</u>	Braidwood 1,2	4LW	<u>we have integrated head package but store lead permanently in cavity for cono-seal doors.</u>
<u>Frank Peszick</u>	Byron 1,2	4LW	<u>No.</u>
	Callaway	4LW	
	Catawba 1,2	4LW	
<u>Shari Mosley</u>	Comanche Peak 1,2	4LW	<u>NO</u>
<u>David Miller</u>	Cook 1,2	4LW	<u>No, new head.</u>
<u>R. Rogers</u>	Diablo Canyon 1,2	4LW	<u>Integrated head package</u>
	Indian Point 2,3	4LW	
<u>S. Lisi</u>	McGuire 1,2	4LW	<u>no, not really</u>
<u>G. Toft</u>	Salem 1,2	4LW	<u>IT CAN BE INSTALLED ON OUR NEW HEADS</u>

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <i>Do you have a Permanent head Shield</i>			
Contact (Name)	Plant	NSSS	Comments
<i>Boehl</i>	Seabrook	4LW	<i>NO, trying to get one.</i>
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
<i>C. Bourne</i>	Vogtle 1,2	4LW	<i>yes - 1 1/2" steel shroud around entire head. ~10' high</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	<i>Integrated head package.</i>
	Millstone 3,2	4LW, CE	
	Calvert Cliffs	CE	<i>NO</i>
	Ft. Calhoun	CE	
<i>J. Smith</i>	Palisades	CE	<i>NO. CRANE DOES NOT HAVE MARGIN</i>
<i>J. Bygal</i>	Palo Verde 1,2,3	CE	<i>Yes, it was integrated into head Fabrication</i>
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
<i>MARC SIDOTI</i>	Davis Besse	B&W	<i>Yes. It was integrated into the the third head & DB.</i>
	Oconee 1,2,3	B&W	<i>YES Siltex</i>
<i>Steve Edelman</i>	TMI	B&W	<i>no on old during outage</i>
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic: Specialty resin use in SFP. How much? What brand?			
Contact (Name)	Plant	NSSS	Comments
Jack McBeath	Ginna	2LW	we currently do not scheduled to use 3 ft ³ A501-P (Puro-lite)
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
	Prairie Island 1,2	2LW	
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	Use macroporous resin for spent fuel pool
	Farley 1,2	3LW	No
	Harris	3LW	
	North Anna 1,2	3LW	macroporous - currently online/ skip shot down bed
Jerry Barber	Robinson	3LW	Use macroporous Overlay for SFP mixed bed Pham & Haus resin
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
	Braidwood 1,2	4LW	
	Byron 1,2	4LW	
	Callaway	4LW	
Donna Page Donna Page	Catawba 1,2	4LW	We use Puro-lite resin - first used in mixed bed demin- later expanded to SFP - email me for details on how much.
Shari Mosh	Comanche Peak 1,2	4LW	We no longer use Specialty resins
David Miller	Cook 1,2	4LW	Cook uses PRO-01m on SFP demin for last 3 cycles of cavity Good results on baffle bolts, EDM & Rx cavity cleanup - saved 50% maintenance cost
	Diablo Canyon 1,2	4LW	
	Indian Point 2,3	4LW	
S. Lis	McGuire 1,2	4LW	Puro-lite
G. TOFT	Salem 1,2	4LW	NOT SURE

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <i>Do you use specialty resin in SFP</i> <i>what brandy how much (FE)</i>			
Contact (Name)	Plant	NSSS	Comments
<i>Boehl</i>	Seabrook	4LW	<i>not sure. Have to find out</i>
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
<i>C. Bourne</i>	Vogtle 1,2	4LW	<i>Not currently in SFP demins. Does it in mixed Bed (CVCS) Planning to put in SFP demins this year.</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	<i>WE CURRENTLY DO NOT USE SPECIALTY RESIN. WILL BE IMPLEMENTING ^{PRE-OIM} PRE-OIM IN fall.</i>
	Millstone 3,2	4LW, CE	
<i>Crystal Covey</i>	Calvert Cliffs	CE	<i>Not done at Calvert</i>
	Ft. Calhoun	CE	
<i>J. Smith</i>	Palisades	CE	<i>USE MACRO POROUS RESINS IN SPENT FUEL POOL DEMIN</i>
<i>S. Williams</i>	Palo Verde 1,2,3	CE	<i>No</i>
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
<i>Marc Spitzer</i>	Davis Besse	B&W	<i>Only use PRE-OIM in letdown.</i>
	Oconee 1,2,3	B&W	<i>NO</i>
<i>Steve Edelman</i>	TMI	B&W	<i>PRE-OI going to PRE-OIM when replacing</i>
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <u>Do you see Vocera, what is the dose says</u>			
Contact (Name)	Plant	NSSS	Comments
Kim Helms	Ginna	2LW	No, hear it is good
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doug WALKER	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Beaver Valley	Beaver Valley 1,2	3LW	No
	Farley 1,2	3LW	No
	Harris	3LW	
R. M. M. J.	North Anna 1,2	3LW	NO
Jerry Barber	Robinson	3LW	NO
JEFF W. W. W.	Surry 1,2	3LW	PURCHASED THIS SYSTEM DO NOT HAVE IT UP AND RUNNING YET. CAN'T WAIT TO GET WORKING
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	NO BUT HAVE SEEN IT IN USE AND WANT IT.
Frank Paslack	Byron 1,2	4LW	NO But would like to move it that direction
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	NO
Shari Mosh	Comanche Peak 1,2	4LW	NO
David Miller	Cook 1,2	4LW	No, under consideration
R. Rogers	Diablo Canyon 1,2	4LW	not yet.
	Indian Point 2,3	4LW	
Stee Lisi	McGuire 1,2	4LW	NO
C. TOFT	Salem 1,2	4LW	NO

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: Do you see Vocera, What's Dose See-A			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	Looking for info, Do not use
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
ADAM FRANKS	Vogtle 1,2	4LW	NO
G. Thomas	Watts Bar	4LW	NO
J. Luffe	Wolf Creek	4LW	NOT YET.
	Millstone 3,2	4LW, CE	
Roy Lopez	Calvert Cliffs	CE	Not Yet. Evaluating it for Fukushima Project
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	No. Looking At It But Cost May Outweigh Benefit
S. Williams	Palo Verde 1,2,3	CE	NO
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
Marc Sidot	Davis Besse	B&W	We don't have Vocera. We are looking into it.
	Oconee 1,2,3	B&W	NO
Steve Edelman	TMI	B&W	No; Trying to get on a Temp basis
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <i>following first cycle of zinc, GA Dose rates Did what?</i>			
Contact (Name)	Plant	NSSS	Comments
<i>Jack McGrath</i>	<i>Ginna</i>	<i>2LW</i>	<i>We do not inject zinc</i>
	<i>Kewaunee</i>	<i>2LW</i>	
	<i>Point Beach 1,2</i>	<i>2LW</i>	
<i>DOUG WARREN</i>	<i>Prairie Island 1,2</i>	<i>2LW</i>	<i>DO NOT KNOW SINCE I'M NEW AT THE PLANT</i>
	<i>Ringhals 2,3,4</i>	<i>2LW 3LW</i>	
<i>JEFF Fontaine</i>	<i>Beaver Valley 1,2</i>	<i>3LW</i>	<i>No change. Letdown filter changed more often though</i>
	<i>Farley 1,2</i>	<i>3LW</i>	<i>Dose rates went down /</i>
	<i>Harris</i>	<i>3LW</i>	
<i>R. McVitt</i>	<i>North Anna 1,2</i>	<i>3LW</i>	<i>NO change</i>
<i>Terry Barber</i>	<i>Robinson</i>	<i>3LW</i>	<i>Just completing our first full cycle with Zn</i>
<i>JEFF WRIGHT</i>	<i>Surry 1,2</i>	<i>3LW</i>	<i>SLIGHT DECREASE NOT SIGNIFICANT</i>
	<i>Turkey Point 1,2</i>	<i>3LW</i>	
	<i>VC Summer</i>	<i>3LW</i>	
<i>Harry Miller</i>	<i>Braidwood 1,2</i>	<i>4LW</i>	<i>increases noticed pre-outage; during outage, high duty cores usually increase 1st cycle,</i>
<i>Frank Paslask</i>	<i>Byron 1,2</i>	<i>4LW</i>	<i>Dose Rates were elevated Byron is a High Duty core</i>
	<i>Callaway</i>	<i>4LW</i>	
<i>Dana Page</i>	<i>Catawba 1,2</i>	<i>4LW</i>	<i>Not much 1st cycle - decline came next few cycles - I can send you trends - dana.page@duke-energy.com</i>
<i>Shari Mosh</i>	<i>Comanche Peak 1,2</i>	<i>4LW</i>	<i>Have not implemented Zinc injection</i>
<i>David Miller</i>	<i>Cook 1,2</i>	<i>4LW</i>	<i>Do not use zinc injection</i>
<i>R. Rogers</i>	<i>Diablo Canyon 1,2</i>	<i>4LW</i>	<i>Decreased</i>
	<i>Indian Point 2,3</i>	<i>4LW</i>	
<i>S. Lis</i>	<i>McGuire 1,2</i>	<i>4LW</i>	<i>Small decrease in comparison to the next few outages</i>
<i>G. TOFT</i>	<i>Salem 1,2</i>	<i>4LW</i>	<i>SLIGHT DECREASE, DURING THE 3rd CYCLE WE TRIPPED 3 TIMES AND SAW NO DECREASE SOMETHING TO KEEP IN MIND FOR THE FUTURE</i>

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <i>Following PWS Cycle of Zinc, GA Pose React Dd Wdr</i>			
Contact (Name)	Plant	NSSS	Comments
<i>Boehl</i>	Seabrook	4LW	<i>We Start Zinc mid February.</i>
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
<i>Chouine</i>	Vogtle 1,2	4LW	<i>not a lot. More Co-58 should be expected during SA chem. during first few cycles.</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	<i>No</i>
	Millstone 3,2	4LW, CE	
<i>Roy Lopez</i>	Calvert Cliffs	CE	<i>1st No Change - Decrease over the next several injections</i>
	Ft. Calhoun	CE	
<i>J Smith</i>	Palisades	CE	<i>WOULD HAVE TO FIGURE OUT Do NOT KNOW Zinc INJ FOR LONG TIME 15+ YEARS</i>
<i>J. Gygis</i>	Palo Verde 1,2,3	CE	<i>Have not implemented Zinc Inj</i>
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
<i>MARC SIDOTI</i>	Davis Besse	B&W	<i>We had mixed results depending on the area.</i>
	Oconee 1,2,3	B&W	<i>Zinc scheduled 2015 OCT & NOV</i>
<i>Steve Godelma</i>	TMI	B&W	<i>Increased due to displacement; Δ alot of filters</i>
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic: *Shut down : Do you do reduced inventory cleanup?
Do you run RCPs for H₂O₂ addition?*

Contact (Name)	Plant	NSSS	Comments
<i>Jack McGrath Charley Kim Hubbs ALARA</i>	<i>GINNA</i>	<i>2LW</i>	<i>NO, YES 1</i>
	<i>Kewaunee</i>	<i>2LW</i>	
	<i>Point Beach 1,2</i>	<i>2LW</i>	
<i>DOUG WARREN</i>	<i>Prairie Island 1,2</i>	<i>2LW</i>	<i>No, YES 1 of 2 RCPs</i>
	<i>Ringhals 2,3,4</i>	<i>2LW 3LW</i>	
<i>Jeff Fontaine</i>	<i>Beaver Valley 1,2</i>	<i>3LW</i>	<i>No, yes, we run one RCP</i>
	<i>Farley 1,2</i>	<i>3LW</i>	<i>No, yes</i>
	<i>Harris</i>	<i>3LW</i>	
<i>Rimmer</i>	<i>North Anna 1,2</i>	<i>3LW</i>	<i>yes, no</i>
<i>Jerry Barber</i>	<i>Robinson</i>	<i>3LW</i>	<i>No, yes we run one RCP</i>
<i>JEFF WRIGHT</i>	<i>Surry 1,2</i>	<i>3LW</i>	<i>No, YES. 2 OF 2 RCP RUN</i>
	<i>Turkey Point 1,2</i>	<i>3LW</i>	
	<i>VC Summer</i>	<i>3LW</i>	
<i>H. MILLER</i>	<i>Braidwood 1,2</i>	<i>4LW</i>	<i>RUN ID RCP UNTIL LETDOWN BOOSTER (IN RH) IS ENGAGED. HAVE DONE REDUCED A FEW TIMES</i>
<i>Frank Pesler</i>	<i>Byron 1,2</i>	<i>4LW</i>	<i>DONOT REDUCE INVENTORY. USE LT Down Booster Pump via RH.</i>
	<i>Callaway</i>	<i>4LW</i>	
<i>Dona Pego</i>	<i>Catawba 1,2</i>	<i>4LW</i>	<i>Reduced inventory - No Rcp's run - yes - 1</i>
<i>Shari Mosh</i>	<i>Comanche Peak 1,2</i>	<i>4LW</i>	<i>No, 2 of 4 RCP's letdown @ 180-200 gpm</i>
<i>David Miller</i>	<i>Cook 1,2</i>	<i>4LW</i>	<i>Low Source Term allows operator flexibility No, 1 RCP with letdown at 160 gpm.</i>
<i>Rick Rogers</i>	<i>Diablo Canyon 1,2</i>	<i>4LW</i>	<i>NO reduced inventory YES 2 of 4 RCP's run for 6 hrs</i>
	<i>Indian Point 2,3</i>	<i>4LW</i>	
<i>Steve Lisi</i>	<i>McGuire 1,2</i>	<i>4LW</i>	<i>NO, but we run 1 RCP during H₂O₂ addition we do not run as</i>
<i>C. TOFT</i>	<i>Salem 1,2</i>	<i>4LW</i>	<i>WE RUN 2 RCP'S FOR 30 HRS</i>

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	SSSS	Comments
	Seabrook	4LW	NO, Run 1 RCP until 0.5 y/c
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
	Vogtle 1,2	4LW	NO, Run RCP#4 (has pop surge line for pressure control) ^{Target 0.2 w G/mol prior to startup}
GEORGE TROMBA	Watts Bar	4LW	No, Run 2 of 4 RCPs
	Wolf Creek	4LW	No, 2 of 4 RCPs for 4 hours.
	Millstone 3,2	4LW, CE	
RAY LOPEZ	Calvert Cliffs	CE	NO, YES
	Ft. Calhoun	CE	
JS.MITH.	Palisades	CE	NO BUT CURRENTLY LOOKING AT REDUCED INVENTORY CLEAN-UP. TAKES LONGER BUT EASIER ON PUMPS. PART 2 YES
SWILLIAMS	Palo Verde 1,2,3	CE	no Reduced Inventory Cleanup we do Run RCP's for H2O2 in Mode 3
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	We do run RCP's during oxidation c/u
	Oconee 1,2,3	B&W	ye, NO RCP pumps
Steve Helmer	TMI	B&W	1st time last outage ran RCP's: Cleanup in < 8 hrs.
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <u>Do you have Contract DeSe Goals w/ Bartlett/DZ</u>			
Contact (Name)	Plant	NSSS	Comments
Kim Holmes	Ginna	2LW	No - They are included in our Business Plan goals along with all other groups
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doug WARREN	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	No
	Farley 1,2	3LW	No
	Harris	3LW	
R. McHitt	North Anna 1,2	3LW	
Jenny Barber	Robinson	3LW	No
Jeff Wprunt	Surry 1,2	3LW	W.
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	Yes
Frank Res/esh.	Byron 1,2	4LW	Yes
	Callaway	4LW	
	Catawba 1,2	4LW	
Shari Mosh	Comanche Peak 1,2	4LW	Yes
David Miller	Cook 1,2	4LW	Yes, also Stan Generation Contractor / Refueling
R. Rogers	Diablo Canyon 1,2	4LW	Not used @ DCP
	Indian Point 2,3	4LW	
Stephen Lisi	McGuire 1,2	4LW	yes
G. Toft	Salem 1,2	4LW	no

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: <u>Do you have Contract Dose Goals w/ DZ/Bartlett</u>			
Contact (Name)	Plant	NSSS	Comments
<u>Boehl</u>	Seabrook	4LW	<u>Not currently, working to it</u>
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
<u>Felds</u>	Vogtle 1,2	4LW	<u>Yes, at Williams Westinghouse, + Bartlett Dean all have dose goals.</u>
<u>George Thomas</u>	Watts Bar	4LW	<u>Yes, we also have DZ hired ALARA Tech.</u>
	Wolf Creek	4LW	<u>No</u>
	Millstone 3,2	4LW, CE	
<u>Roy Lopez</u>	Calvert Cliffs	CE	<u>Bartlett-No Westinghouse Yes B&W Yes CBI-No</u>
	Ft. Calhoun	CE	
<u>J Smith</u>	Palisades	CE	<u>No</u>
<u>S Williams</u>	Palo Verde 1,2,3	CE	<u>No</u>
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
<u>Mike Sidoti</u>	Davis Besse	B&W	<u>Not in their contract.</u>
	Oconee 1,2,3	B&W	<u>Yes / Projects Dean housed with RP</u>
<u>Steve Edelman</u>	TMI	B&W	<u>Yes</u>
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE **PWR ALARA Association** **Key West, FL** **January 20-22, 2015**

Seth Williams
 Rolo Verde
 Cavity Wears

Topic: Do you use Hydrogen Peroxide (or similar) for Cavity Wears

Contact (Name)	Plant	NSSS	Comments
Jack McGrath Kim Holmes	GINNA	2LW	NO
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doob WARREN	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	No
	Farley 1,2	3LW	No
	Harris	3LW	
Ryan T	North Anna 1,2	3LW	NO
Jerry Barker	Robinson	3LW	Yes
Jeff Wagner	Surry 1,2	3LW	No
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	YES (7% but going to 3-4% this outage). ALSO ADD TO CAVITY BEFORE DRAW DOWN
Frank Res/esp.	Byron 1,2	4LW	YES ^{DRAW DOWN} E-48 hours H ₂ O ₂ ADD TO CAVITY, THEN 7% H ₂ O ₂ SOLUTION
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	I don't think so - I can validate - email me if you want - dana.page@duke-energy.com
Shari Mosby	Comanche Peak 1,2	4LW	No
David Miller	Cook 1,2	4LW	Yes, (some outages previously)
	Diablo Canyon 1,2	4LW	No. we do however add directly to the cavity
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	yes
G. TOFT	Salem 1,2	4LW	NO WE USE INSTA COAT

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	NO, LOOK- INTO IT
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
C. Bourne	Vogtle 1,2	4LW	yes - used for first time in 2014. last year. worked well.
George Turner	Watts Bar	4LW	MASTER LEE PERFORM CAVITY DECORATING ^{STRIPPABLE} COATING
	Wolf Creek	4LW	YES WE DO - EMAIL ME FOR CONCENTRATIONS.
	Millstone 3,2	4LW, CE	
Ray Lopez	Calvert Cliffs	CE	Yes spray directly on walls & floors
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	NO BUT EVALUATING IT
T. Byger	Palo Verde 1,2,3	CE	NO, Currently Evaluating
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
Marc Sideri	Davis Besse	B&W	We do not use H ₂ O ₂ . We do it the old fashioned way. (manually)
	Oconee 1,2,3	B&W	NO
Steve Gelman	TMI	B&W	We use chemicals but not peroxide
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE **PWR ALARA Association Key West, FL January 20-22, 2015**

Topic: Do you use work orders for RP activities? Do you have an RP planner or scheduler to create/close work orders?			
Contact (Name)	Plant	SSSS	Comments
Kim Holmes	Ginna	2LW	Some Work Orders (ie) Filter Pulls - We do not have a dedicated RP Planner - RP Sup's direct create/close
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doug WALKER	Prairie Island 1,2	2LW	NO PLANNING GROUP CREATES WORK ORDERS RP CAN CREATE WORK REQUEST
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	Tank sample and rad monitory - yes otherwise NO
	Farley 1,2	3LW	
	Harris	3LW	
R. McMillan	North Anna 1,2	3LW	NO WO for RP Res. We do have a planner
J. Barber	Robinson	3LW	Some but not all - ALARA Techs do this
Jeff Wagner	Surry 1,2	3LW	YES. Work orders as needed. ALARA TAKES CARE OF THIS
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	YES. Shielding, Surveillances, PMS, etc
Frank Paslaski	Byron 1,2	4LW	YES DECOR'S, WE USE WORKORDERS, WE DO NOT HAVE A PLANNER
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	Very few WO's for RP. (No RP planner/scheduler to create/close WO's.
	Comanche Peak 1,2	4LW	
Dud Miller	Cook 1,2	4LW	We have a RP dedicated scheduler.
R. Rogers	Diablo Canyon 1,2	4LW	Not really. maybe 10 wo's a year. no true planner or scheduler.
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	NO, we do not use work orders for RP Resources
C. TOFT	Salem 1,2	4LW	OUR PLANNERS ADD AN RP ACTIVITY IF THERE IS A BREACH INVOLVED. WE DO NOT HAVE AN RP PLANNER OR SCHEDULER, OUR FLS CLOSE OPERATIONS.

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	most work orders are for Admin. Activities, ISO mix Report, Site h. Source Assessment ect.
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Abby Fields	Vogtle 1,2	4LW	YES NO for RP activities; YES - RPTACH is planned
G. Thomas	Watts Bar	4LW	YES, we do have a RP Planner/Scheduler YES for "REAL WORK" i.e. GAZARD Breathing Air checks
John Cuffe	Wolf Creek	4LW	Yes, shielding packages, we have an RP scheduler
	Millstone 3,2	4LW, CE	
Ray Lopez	Calvert Cliffs	CE	Not Ractive work (surveys) Yes to both - but RP activities that are involved w/ work
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	HAVE P-ACS FOR RE-OCCURRING WORK ACTIVITIES BUT NOT WORK. RP Resource Lists On W.O. In Scheduling For Support
J. Gyger	Palo Verde 1,2,3	CE	Universal RPTs are expected to log We only have bar code W.O.s into Job Coverage Specific WOs
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	Very few W.O.s for RP work. e DB
Phil Kaley	Oconee 1,2,3	B&W	10% of WOs have RP TASK so (NO)
	TMI	B&W	
	Areva		
	EDF		
	Westing-house		

DCPP

HIGH INTEREST TOPIC AND QUESTIONNAIRE **PWR ALARA Association Key West, FL January 20-22, 2015**

Topic: Do you schedule RP work (resources) like surveys, coverage, variation, training into the weekly work schedule?

Contact (Name)	Plant	NSSS	Comments <u>If so, how successful?</u>
Kim Helms	Ginna	2LW	weekly on SENTINEL Report for Routine Surveys - if scheduled in a work order (MAXIMO) it is also scheduled - also drills
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
Doug WARREN	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	Effluent Sampling, tank sampling yes surveys: NO
	Farley 1,2	3LW	
	Harris	3LW	
R. MONT	North Anna 1,2	3LW	yes
	Robinson	3LW	NO
JEFF WRIGHT	Surry 1,2	3LW	Yes. TCP Resources support Weekly Work Schedule
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	NO, BUT THINGS LIKE ERO DRILLS ARE.
Frank Maslaski	Byron 1,2	4LW	NO.
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	NO, but field ops supervisor speaks to resource availability @ T-5 mtgs.
	Comanche Peak 1,2	4LW	
David W. Miller	Cook 1,2	4LW	Some RP Resources but not all RP Resources
R. Rogers	Diablo Canyon 1,2	4LW	Transitioning into this process
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	ALARA Doesnt schedule RP Resources @ McGuire
G. TOFT	Salem 1,2	4LW	ONLY SUPPORT BLEACH ACTIVITY'S

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
	Seabrook	4LW	
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
ADDY FIELDS	Vogtle 1,2	4LW	NO
G. THOMAS	Watts Bar	4LW	YES, HOWEVER RP RESOURCES ARE NOT LOADED INTO SCHEDULE IT IS JUST A GROSS ESTIMATE OF SCHEDULE LOAD
JOHN CUFF	Wolf Creek	4LW	NO
	Millstone 3,2	4LW, CE	
CRYSTAL COLEMAN	Calvert Cliffs	CE	YES
	Ft. Calhoun	CE	
J. SMITH	Palisades	CE	YES ON DEPARTMENT / SURVEYS ARE PERFORMED - TRAINING / VACATION / AS FILL IN WORK *
S. WILLIAMS	Palo Verde 1,2,3	CE	YES - RP OPS WILL HAVE A WEEK LOOK AHEAD FOR WORK, TRAINING, ETC.
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	NOT @ THE CURRENT TIME.
Phil Kelley	Oconee 1,2,3	B&W	YES T-5
Steve Golan	TMI	B&W	YES I IN OUR STAND ALONE MATRIX W/ JOB ASSIGNMENT
	Areva		
	EDF		
	Westinghouse		

* USE WHAT WE CALL A WHITEBOARD. LIST (WEEKLY) ALL RESOURCES & WHAT THEY ARE ASSIGNED TO THAT DAY - SURVEY - JOB COVERAGE - TRAINING - VACATION ETC. (RPS BOARD NOT SITE)

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE **PWR ALARA Association Key West, FL January 20-22, 2015**

Seth Williams
Palo Verde

Topic: How do you effectively communicate with your on shift personnel day-to-day + updates / changes to program

Contact (Name)	Plant	NSSS	Comments
Rim Helms	Ginna	2LW	First, they are invited into Morning Meeting AFTER THEIR Control Room Meeting - Emails - Shift Turnover Sheets - Face To Face
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARREN	Prairie Island 1,2	2LW	EMAIL
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	Use ESOMS system
	Farley 1,2	3LW	Shift T/O / Just in time Trng / Continuing Trng
	Harris	3LW	
R. Menzies	North Anna 1,2	3LW	Shift Orders - Morning T/O
Terry Barber	Robinson	3LW	Email, Shift Orders, Shift Tech T/O Form
JEFF WRIGHT	Surry 1,2	3LW	Daily Turnovers
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	EMAIL, MORNING MEETING w/ MANAGEMENT, ESOMS LOG, LOGBOOK OF RECENT CHANGES
Frank Pelszick	Byron 1,2	4LW	Daily Turnovers, READ: SIGN - Electronic Log (Esoms)
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	RP morning meeting (M-T), We also have trng. sessions prior to each outage for O.E. + program changes.
	Comanche Peak 1,2	4LW	Daily Turnovers - Email - Weekly shift meeting
David Miller	Cook 1,2	4LW	Daily Turnovers & ALARA web Page,
R. Rogers	Diablo Canyon 1,2	4LW	Shift orders & written turnover. Fmn tailboard for day & night
	Indian Point 2,3	4LW	
Steve Lisi	McGuire 1,2	4LW	E-mails, Daily meetings
G. TOFT	Salem 1,2	4LW	Yes thru Supv. Directives

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
	Seabrook	4LW	Shift Turn-over, Night orders, Daily Briefs
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
ADAM FIELDS	Vogtle 1,2	4LW	SANTA MONICA
GEORGE THOMAS	Watts Bar	4LW	eSons & E-Mail / 7 Day Briefs for Shift People
	Wolf Creek	4LW	SHIFT ORDERS & T/O LOGS.
	Millstone 3,2	4LW, CE	
Crystal Covey	Calvert Cliffs	CE	Done through many flow paths #1 - Email #2 Shift brief/turnover log #3 Departmental meetings
	Ft. Calhoun	CE	
	Palisades	CE	E-MAIL - USE VERBING BUTTON FOR VERIFICATION
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC STIPORI	Davis Besse	B&W	Daily Turnover OCC Turnover Email
	Oconee 1,2,3	B&W	ESons / DAILY MEETING (07:00 - 15:00)
Steve Edelma	TMI	B&W	Email; Turnover sheets/logs; Morning briefs
	Areva		
	EDF		
	Westinghouse		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic: Do you use GO-PRO for inspections			
Contact (Name)	Plant	NSSS	Comments
Jack McGrath	Ginna	2LW	No
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WABREN	Prairie Island 1,2	2LW	NO
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	No
	Farley 1,2	3LW	
	Harris	3LW	
R McINTY	North Anna 1,2	3LW	Yes
	Robinson	3LW	
Jeff Wagner	Surry 1,2	3LW	No
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	NO
Frank Paslaski	Byron 1,2	4LW	YES we have 5
	Callaway	4LW	
Dana Page	Catawba 1,2	4LW	NO, not that I am aware of.
Shirley Mosty	Comanche Peak 1,2	4LW	NO, but are working towards it
David W. Miller	Cook 1,2	4LW	No
R Rogers	Diablo Canyon 1,2	4LW	No but have used to record work for future training.
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	yes were applicable
C. TOFT	Salem 1,2	4LW	NO

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic: Go Pro for inspections?

Contact (Name)	Plant	NSSS	Comments
Bodhi	Seabrook	4LW	NOT currently
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Abby Fields	Vogtle 1,2	4LW	NO-used for MSIP + Radwaste shipping verify where
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	yes
Crystal Cliffs	Calvert Cliffs	CE	
	Ft. Calhoun	CE	
Jeff Smith	Palisades	CE	No
J. Gyger	Palo Verde 1,2,3	CE	No, But we are talking about using it.
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
Mark Spat	Davis Besse	B&W	
Phil Kelley	Oconee 1,2,3	B&W	YES Primarily walkdowns
	TMI	B&W	
	Areva		
	EDF		
	Westinghouse		

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: *Shortened ALARA PLANS*

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	<i>yes, Briefings are more focused</i>
	Harris	3LW	
	North Anna 1,2	3LW	
	Robinson	3LW	
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
	Braidwood 1,2	4LW	
	Byron 1,2	4LW	
	Callaway	4LW	
	Catawba 1,2	4LW	
	Comanche Peak 1,2	4LW	
	Cook 1,2	4LW	
	Diablo Canyon 1,2	4LW	
	Indian Point 2,3	4LW	
	McGuire 1,2	4LW	<i>what's the question?</i>
<i>GLENN TOST</i>	Salem 1,2	4LW	<i>How you shortened your ALARA PLANS TO 1022 PAGES ! How DID YOU DO THAT ?</i>

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE **PWR ALARA Association Key West, FL January 20-22, 2015**

Topic:

SHORTENED ALARA PLANS

Contact (Name)	Plant	NSSS	Comments
<i>Boehl</i>	Seabrook	4LW	<i>Dictated by Procedure.</i>
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
	Vogtle 1,2	4LW	<i>Working to optimize just info necessary for job - expect pre-job brief to be done ahead of time so alara brief will be shorter.</i>
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
<i>PyLopez</i>	Calvert Cliffs	CE	<i>Dictated by procedure, Plans vary in length</i>
	Ft. Calhoun	CE	
	Palisades	CE	
<i>S. Williams</i>	Palo Verde 1,2,3	CE	<i>We are in process of adding info back into REP/REP to shorten ALARA plans. A.P. still ~ 6-12 pages</i>
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
	Davis Besse	B&W	
	Oconee 1,2,3	B&W	
<i>Steve Edelman</i>	TMI	B&W	<i>NO</i>
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: SIZE OF ALARA STAFF: NEW-MANUAL & HOURLY			
Contact (Name)	Plant	NSSS	Comments
Kim Holman	Ginna	2LW	^{SALARY} <u>ON-LINE</u> ^{SALARY} <u>OUTAGE</u> 1 Rod Manager / 3 ALARA Specialists 1 Rod Manager / 1 Temp Supervisor / 5 Specialists
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARDEN	Prairie Island 1,2	2LW	2/2 1/1
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	1 supv. 1 outage planner 1 on-line planner, 1 project planner - 1 union tech
	Farley 1,2	3LW	2 Techs for planning / tracking - email for more details
	Harris	3LW	
Emmet	North Anna 1,2	3LW	1 supv 2 techs
J Barber	Robinson	3LW	1 supv 2 outage planners + 2 online planner
	Surry 1,2	3LW	
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	4/1 6 per shift 12/0
Frank Peslisk	Byron 1,2	4LW	^{ONLINE} 1 manager 3 SALARY STAFF hourly / ^{OUTAGE} 6 per shift.
	Callaway	4LW	
Dane Page	Catawba 1,2	4LW	1 ALARA supervisor - 4 ALARA planners (3 exempt - 1 hourly developmental) and 1 staff (has other responsibilities)
Shari Mosh	Comanche Peak 1,2	4LW	1-Sup 1-Coord. 4 hourly Techs
David Miller	Cook 1,2	4LW	2/2 1 Coordinating / 3 hourly tech. 2/6 hourly ^{outage}
R. Rogers	Diablo Canyon 1,2	4LW	4/4 3/6
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	1 ALARA supervisor - 3 ALARA planners - exempt
C. TOFT	Salem 1,2	4LW	1 TECH 3 MANAGEMENT POSITIONS

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic: SIZE OF ALARA STAFF: NON-MANUAL / Hourly			
Contact (Name)	Plant	NSSS	ON-LINE Comments OUTAGE
Boehl	Seabrook	4LW	1 non-Berkey, 1 Berkey on Rotation.
	Sequoayah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Baume	Vogtle 1,2	4LW	1 daily planner (tech) - No dedicated sups Outage - 3 techs/shift 1 oty planner (tech), 2 daily techs 3rd tech rotates to fill in lead, central
G. Tuomala	Watts Bar	4LW	1 sup, 5 ALARA STAFF
	Wolf Creek	4LW	1 supervisor 4 hourly
	Millstone 3,2	4LW, CE	
Ray Lopez	Calvert Cliffs	CE	1 Rm Mgr 3 Specialist (Salary) 1 developmental (Hourly) outage 3 contract hourly
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	1 SPECIALIST 1 supv 2 Hourly Day/NIGHT SAME + 2 Hourly
J. Byer	Palo Verde 1,2,3	CE	1 supv 3 Management 6 hourly
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC SIDOTI	Davis Besse	B&W	normal ALARA Sup. + 2 Specialists Outage we add 3-4 Specialists
Phil Kelley	Oconee 1,2,3	B&W	ALARA Sup + 4 Specialists OUTAGE 0
Steve Gelman	TMI	B&W	3 ALARA Specialists (staff)
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association Key West, FL January 20-22, 2015

Topic: Do you plan into your outage dose goal any emergent dose? if so how much or what %?			
Contact (Name)	Plant	SSSS	Comments
Kim Hoban	GINNA	2LW	Business Plan lists Outage Emergent
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARREN	Prairie Island 1,2	2LW	OUTAGE - NO, ON-LINE YES 5000REM ON-LINE 129 REM TOTAL FOR 2 UNITS
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	No
	Farley 1,2	3LW	Projected dose is set by planned activities - emergent dose must be approved - no need padding for emergent work
	Harris	3LW	
REMOND	North Anna 1,2	3LW	NO
	Robinson	3LW	
JEFF STUBBS	Surry 1,2	3LW	25 Rem Emergent Goal
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	Procedures allow 8-12%
Frank Peolaska	Byron 1,2	4LW	~ 8-10%
	Callaway	4LW	
Dore Page	Catawba 1,2	4LW	Yes - I think it is 3-9%, typically we had 2-3 rem/outage.
SILVIA MOSH	Comanche Peak 1,2	4LW	5%
	Cook 1,2	4LW	
R. Rogers	Diablo Canyon 1,2	4LW	No separate line item for emergent dose.
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	yes, Based on History ~ 9%
G. Toft	Salem 1,2	4LW	yes 10-12%

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	1.5 rem Typically
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
Abby Fields	Vogtle 1,2	4LW	Yes, unsure of amount or basis Primarily for high level contingencies
G. Thomas	Watts Bar	4LW	No, IF SIGNIFICANT & CAPTURED IN CORRECTIVE ACTION
John Cuffe	Wolf Creek	4LW	No Separate line item on dose.
	Millstone 3,2	4LW, CE	
Crystal Covey	Calvert Cliffs	CE	Yes, It's around 10% for an Emergent dose bank. plus or minus depending on known work scope associated known issues.
	Ft. Calhoun	CE	
J. Smith	Palisades	CE	No. CAPTURED IN CORRECTIVE ACTION (& Post Job)
J. Lippert	Palo Verde 1,2,3	CE	No, if significant use CAP
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARIE SIDOTI	Davis Besse	B&W	10%
Phil Kelley	Oconee 1,2,3	B&W	7% of TOTAL ESTIMATE
Steve Edelman	TMI	B&W	8-12%
	Areva		
	EDF		
	Westing-house		

HIGH INTEREST TOPIC AND QUESTIONNAIRE

PWR ALARA Association

Key West, FL

January 20-22, 2015

Topic: WHAT IS YOUR TYPICAL PEAK RES ACTIVITY DURING FOZ?
Do you exclude personnel from effected plant areas DURING FOZ? For how long?

Contact (Name)	Plant	NSSS	Comments
Jack McBrath Kum Holmes	Ginna	2LW	2-4 uci/me ~ 24hrs
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
DOUG WARREN	Prairie Island 1,2	2LW	2 uci/ml, YES INSIDE VAULTS, 24 HRS
	Ringhals 2,3,4	2LW 3LW	
Jeff Fontaine	Beaver Valley 1,2	3LW	BV-1 - 1 to 1.5 uci/ml BV-2 - 4 to 6 uci/ml
	Farley 1,2	3LW	Barely see a change in RES activity - no locked HRA's in plant due to shutdown/clean-up.
	Harris	3LW	
R McARD	North Anna 1,2	3LW	2-3 uci/me ~ 24 hrs
J Barber	Robinson	3LW	~2 uci/ml, yes, 48 hrs for Aux Bldg areas 24 hrs for LOOPS
Jose Warren	Surry 1,2	3LW	2.5 uci/me - 20 hrs
	Turkey Point 1,2	3LW	
	VC Summer	3LW	
Harry Miller	Braidwood 1,2	4LW	U1 = 1.5 uCi/cc VARIOUS HOLDOUT TIMES U2 = 2.5 uCi/cc RANGES 12-24 hrs based on location
Frank Paslaski	Byron 1,2	4LW	~2-2.5 uCi/cc Varies 3-24 hours Depending on Area.
	Callaway	4LW	
dona.pago@duke-energy.com	Catawba 1,2	4LW	Please email me so I can validate peak information. We do exclude - varies by area - could be 24 hrs after EB.
SHARL Mosey	Comanche Peak 1,2	4LW	U-1 6 uCi/ml U-2 8 uCi/ml Yes ~ 24 hrs
David W. Miller	Cook 1,2	4LW	U-2 0.7 uCi/ml No longer excluding personnel out of U-1 0.8 uCi/ml Containment after CRUD Burst - Rule < 1.0 uCi/cc Lower Cont
R. Rogers	Diablo Canyon 1,2	4LW	0.4 uCi/ml Yes, inside bio wall & around RHR. 18 hours
	Indian Point 2,3	4LW	
S. Lisi	McGuire 1,2	4LW	0.4 uCi/ml Peak, E-mail me with Restrictions
L. TOFT	Salem 1,2	4LW	1.5 uci/ml YES EXCEPT FOR CRITICAL DATA WORK

Return completed form to the Committee Secretary prior to the end of the meeting so that it may be included in the meeting report.

HIGH INTEREST TOPIC AND QUESTIONNAIRE
PWR ALARA Association Key West, FL January 20-22, 2015

Topic:			
Contact (Name)	Plant	NSSS	Comments
Boehl	Seabrook	4LW	UP TO 10 MC/cc. Restrict Access to Lower CTB
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
C. Bourne	Vogtle 1,2	4LW	2-3 μ ci/ml - procedure has will shut off last RCP @ 0.7 μ ci/ml - typically 18-24 hrs.
G. Thomas	Watts Bar	4LW	0.525 μ ci/g ~ 24 hours
	Wolf Creek	4LW	1.5 μ ci/cc 24 hours
	Millstone 3,2	4LW, CE	
Ray Lopez	Calvert Cliffs	CE	In RCP Pump Days, 3-5 μ ci/cc ops 12 hrs all others 24 hrs
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St. Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
MARC Sidor	Davis Besse	B&W	~ 2 μ ci/ml. Personnel are excluded allowed back in @ procedure and these levels.
Pat Kelly	Oconee 1,2,3	B&W	5 μ ci/ml YES LOCK AREA I/J B&W shield? (B&W) (B&W)
Steve Edelman	TMI	B&W	0.5 μ ci/cc (last outage 6-8 hrs)
	Areva		
	EDF		
	Westinghouse		