HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you use hydro Phobic Coatings? Ultra ever Dry

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	For Dry Cask campaign
Joe Coughlin	Braidwood	4LW	No chemistry approval
Scott Leach	Byron	4LW	No, can't get Chemistry approval
	Callaway	4LW	No But Interested
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	No
	Davis Besse	B&W	
David W. Miller	DC Cook	4LW	Cook is evaluating hydro phobic coating for Dry Cask application..
	Diablo Canyon	4LW	
	Farley	3LW	No
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	NO (Have not yet Reviewed EPRI Reports)
	Kewaunee	2LW	
Joe Jaegers	LaSalle	GE	Sample sinks
S. Zisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantelle Conroy	North Anna	3LW	NO
Bill Scarbrough	Nine Mile	GE	NO

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you use hydro Phase Coatgs? Ultra ever Dry? for Decon or coatg Before wetting

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mart	Prairie Island	2LW	N/A Used and didn't work for us.
C. Branham	Robinson	3LW	Yes. Have used Neverwet for dry fuel cask, sinks, robot
Pam Dix	Salem	4LW	Not yet - Framatome doing pres o soon
	San Onofre	CE	
Boehl	Seabrook	4LW	No. I'm very interested
SUMMERS	Sequoyah	4LW	YES AND NO - BEEN IMPROVED BUT HAVEN'T IMPLEMENTED
	South Texas	4LW	
	St.Lucie	CE	
	Surry	3LW	
Steve Edelman	TMI	B&W	NO
	Turkey Point	3LW	
	VC Summer	3LW	No
Michelle Williams	Vogtle	4LW	NO
	Waterford	CE	
	Watts Bar	4LW	
Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Who is doing Fuel cleaning?

Name: Joe Coughlin Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fantaw	Beaver Valley	3LW	No
	Braidwood	4LW	
Scott Lauh	Byron	4LW	NO
Aaron Enloe	Callaway	4LW	NO
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Cook evaluated it in 2005, Decided to not use Dopkal Zinc on Fuel Cleaning because use of PRC-01M was better (Co-60 waste 75% less from ultrasonic Fuel Cleaning) and less expensive
	Diablo Canyon	4LW	
Jeff Orsero	Farley	3LW	No
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	NO,
	Kewaunee	2LW	
Smith	LaSalle	GE	L2R17 will be our 3rd time
S. Lisi	McGuire	4LW	YES
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	NO
Bill Seaberry	Nine Mile	GE	YES → *Fitzpatrick did 100% of Core

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Martin C.B.	Prairie Island	2LW	NO
	Robinson	3LW	NO
P. Dix	Salem	4LW	NO
	San Onofre	CE	
Boehl	Seabrook	4LW	Yes.
Summers	Sequoyah	4LW	YES / BUT NOT EACH OUTAGE
	South Texas	4LW	
	St.Lucie	CE	
	Surry	3LW	
Etelman	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
Williams	Vogtle	4LW	yes Each outage both units
	Waterford	CE	
J. Hegrel	Watts Bar	4LW	Yes
J. Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Are you interested in being included in Monthly H3O CZT pixilated in-plant measurements. Call in 30 minute to share experience with CZT Nuclear Plant Technology. Please provide phone # and email address. (Voluntary Activity)

Name: David Miller Contact Info: Cook. AEP - DMillon@Illinois.rr.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
	Beaver Valley	3LW	
Joe Coughlin	Braidwood	4LW	Already at, Mike Oelig
Scott Leach	Byron	4LW	Yes 815-406-2736 scott.leach@exeloncorp.com
	Callaway	4LW	
	Calvert Cliffs	CE	
	Catawba	4LW	
	Clinton	GE	
	Davis Besse	B&W	
Dan Miller	DC Cook	4LW	Yes 217-855-3238 dwmiller2@aep.com
	Diablo Canyon	4LW	~~Yes~~
Jeff Orgeron	Farley	3LW	Yes 334-899-5156 x6191 JPORGERO@SOUTHERNCO.COM
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Yes 914-254-5805 LFRINK@entergy.com
	Kewaunee	2LW	
	LaSalle	GE	
	McGuire	4LW	
	Millstone	4LW, CE	
	North Anna	3LW	
	Nine Mile	GE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mark	Prairie Island	2LW	Already doing.
	Robinson	3LW	
	Salem	4LW	
	San Onofre	CE	
	Seabrook	4LW	
Summens	Sequoyah	4LW	YES- CJSUMMENS@TVA.GOV
	South Texas	4LW	
	St.Lucie	CE	
	Surry	3LW	
	TMI	B&W	
	Turkey Point	3LW	
	VC Summer	3LW	
M. Williams	Vogtle	4LW	yes - miwillia@southernco.com 706-848-4236
	Waterford	CE	
	Watts Bar	4LW	
French	Wolf Creek	4LW	Yes
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Hot Spot Tracking - What criteria do you use for Hot Spot tracking.

Name: Jeff Fontaine Contact Info: 724-462-3423

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
	Beaver Valley	3LW	
Joe Coughlin	Braidwood	4LW	>100mR + 5times GA
Scott Leach	Byron	4LW	>100 + 5times GA
Aaron Enloe	Callaway	4LW	>100mR/hr + 5X's the DR for area
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	> 100mR/hr & 5x GA dose rate
	Davis Besse	B&W	
David Miller	DC Cook	4LW	>100 MR/h. & 5x GA
	Diablo Canyon	4LW	
Jeff Degeron	Farley	3LW	> 100mR/hr 5x GA
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	5x G.A. & > 100 mR/HR
	Kewaunee	2LW	
Smith	LaSalle	GE	>100 & 5 X GA dose rates
S. Lisi	McGuire	4LW	>100 & 5x G/A
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	>100 mRem 2x general area Dose rate
Bill Scarberry	Nine Mile	GE	>100 + 5 times GA

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: What criteria do you use for Hot Spot tracking

Name: Jeff Fontaine Contact Info: 724-462-3423

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Martin	Prairie Island	2LW	*contact >100 mRem/hr 5x GA
Branham	Robinson	3LW	>100 mrem/hr + 2x DR in GA. Tag + Log.
R. Dix	Salem	4LW	yes
	San Onofre	CE	
Boehl	Seabrook	4LW	>1000 mrem/hr and 2x Area
	Sequoyah	4LW	
	South Texas	4LW	
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	>100mr/hr & 5x
	Turkey Point	3LW	
Carlson	VC Summer	3LW	> 100 mRem/hr and 5x General Area
mwilliams	Vogtle	4LW	> 100 mrem/hr and 5x GA
	Waterford	CE	
J. Hazle	Watts Bar	4LW	O/S CTMT > 100 mRem/hr and 5x GA / I/S CTMT >1,000 mRem/hr and 5x GA
	Wolf Creek	4LW	> 100 mr/hr and 2x the general area -
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: 2018 BWR & PWR Refueling Dose Reported.

David J. Miller
Name: Cook/NEI

Outage Schedule | Outage Duration | Contact Info: | Unit? | Outage Dose | Normal Dose

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fortune	Beaver Valley	3LW	1R12 April 25 / 1 / 25R / Q 2R20 Octob 130 / 2 / 50R
Joe Coughlin	Braidwood	4LW	MARCH A1R20 17.716 Rem OCT A2R20 52.043 Rem (secondary dose)
Scott Leech	Byron	4LW	9/10/18 B1R22 15 days 15 hours / 1 / 20.3 R / 3.1
Aaron Enloe	Callaway	4LW	10-7-17 ~ 70 Days / 1 / 24 R No Outage ~ 2018 2018 594 mR
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE BWR6	4/23/2018 / 20 / 1 / 50.924 / 114
	Davis Besse	B&W	
Dave Millar	DC Cook	4LW	March 3, 2018 Up Flow Mod 4 / 90 Bubble Bolts Up Flow Re / 2 / 42 ED / 22.8
	Diablo Canyon	4LW	
Jeff Ogren	Farley	3LW	2018 = 29.4 Rem 2017 = 22.8 REM
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frizzle	Indian Point	4LW	U2 RFO 74.8 R, online < 7R U3 online 3.2 R
	Kewaunee	2LW	
Tim Smith	LaSalle	GE	~~2/5/18 - 4/8/2019~~ / ~~46~~ 29 / ~~2~~ 1 / ~~180 R~~ 243 R
S. Lisi	McGuire	4LW	U-2 - 33 Rem
	Millstone	4LW, CE	
Chantel A Conway	North Anna	3LW	U1 - 56.416 - March - April
Bill Seaberry	Nine Mile	GE	296.179 REM (2 LR)

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Refueling Outage Dose 2018

Name: Dan Miller

Contact (Name)	Plant	NSSS	Comments (Outage Start Date / Duration Days / Unit? / Outage Dose / Normalized Dose)
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
	Prairie Island	2LW	
	Robinson	3LW	9-22-18 / Goal 26 Actual 67 / 2 / 61.370 R
P. Dix	Salem	4LW	10-11-18 / Goal 29 Days Actual 33 days / 2 / 45.3 Rem
	San Onofre	CE	
Boehl	Seabrook	4LW	Oct 1 / 23 / 1 / 32 Rem - 1.4 Rem
Summers	Sequoyah	4LW	NOV 3 / 35 / 2 / 62,231 DRD / ?
	South Texas	4LW	
	St.Lucie	CE	
	Surry	3LW	
Edmunson	TMI	B&W	Default 10 Days
	Turkey Point	3LW	
	VC Summer	3LW	10-06-18 / 50 / Unit 1 / 51 Rem / 1 Rem/day
Williams	Vogtle	4LW	9/17/18 / 18 day / Unit 1 / 47.552 Rem
	Waterford	CE	
	Watts Bar	4LW	
J. Coffie	Wolf Creek	4LW	I will Send to you.
	Framatome		
	BWXT		

Rev. 1 DMM 1/24/2019

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Lithium - Have you been impacted (# or Availability) ~~by~~ for Lithium or Lithiated Resins

Name: Lloyd Frink Contact Info: 914-254-5805

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No
Joe Coughlin	Braidwood	4LW	No
Scott Leech	Byron	4LW	NO
Aaron Enloe	Callaway	4LW	not to my Knowledge
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Hey increase Fe & Sulfate at end of cycle — & Chem Index
	Diablo Canyon	4LW	
Jeff Degeron	Farley	3LW	NOT to my knowledge.
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	N/A
	Kewaunee	2LW	
mike Close	LaSalle	GE	NO
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
	North Anna	3LW	
Bill Scarberry	Nine Mile	GE	IDK

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
[illegible]	Prairie Island	2LW	No
	Robinson	3LW	
P. Dix	Salem	4LW	Not to my knowledge
	San Onofre	CE	
Boehl	Seabrook	4LW	NO
SUMMERS	Sequoyah	4LW	LOOKING TO GO TO KOH
	South Texas	4LW	
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
McWilliams	Vogtle	4LW	NO
	Waterford	CE	
S. Hall	Watts Bar	4LW	Unknown
J. Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: RHR Venting: ① How often do you verify void space in RHR system? ② How do you verify? (UT, NGATs, venting, ect.) ③ Average dose?

Name: Casey Carlson Contact Info: casey.carlson@scana.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Only after system maintenance venting, ≈ 40 mrem
Joe Coughlin	Braidwood	4LW	Monthly, UT, 12-15 mRem
Scott Losh	Byron	4LW	maintenance, UT 10 to 20 mrem
	Callaway	4LW	Engineer + ops 4 x's a yr approx 60-80 MR per yr
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	PMs & Maintenance (UT) 10-20mrem
	Davis Besse	B&W	
	DC Cook	4LW	
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	As needed ≈ every 2 weeks
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Monthly, UT, < 10 mr
	Kewaunee	2LW	
Smith	LaSalle	GE	E-mail AND I will get you the info
S. Lisi	McGuire	4LW	Monthly, UT, Ø
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	- email me ill get the correct info Charles.A.Conway@dom.com
Bill Scarbrough	Nine Mile	GE	Similar to Clinton

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: See other side

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
David Mart	Point Beach	2LW	Monthly Aug b/4/Chnot. 60-120 mRem total
	Prairie Island	2LW	
Branham	Robinson	3LW	Email me ☺
P. Dix	Salem	4LW	Please email me for contact info
	San Onofre	CE	
Boehl	Seabrook	4LW	Engineering Does UT's Prior TO RHR Suctions and Vents if necessary.
Summers	Sequoyah	4LW	E-MAIL ME
	South Texas	4LW	
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Currently i may move to semi annual 3-rem
	Turkey Point	3LW	
	VC Summer	3LW	
M. Williams	Vogtle	4LW	Engineering : OPs Bi-annual 70 mrem
	Waterford	CE	
J. Hazel	Watts Bar	4LW	Once Per Week Per Unit.
	Wolf Creek	4LW	1 per QTR - we do UT and vent if necessary - ½ 30mrem per Otr.
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Sea front of sheet

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Yes, contact me
Joe Coughlin	Braidwood	4LW	only control panel updates, NO RP impacts
Scott Leach	Byron	4LW	No, but I will send ALARA Plan and lessons learned for recent work
Aaron Enloe	Callaway	4LW	NO
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Yes in 2018 replaced Fuel transfer and equipment Look for legacy ~~HARD~~ Alpha !!!
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Repair As needed
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	yes shoot me email
	Kewaunee	2LW	
	LaSalle	GE	N/A
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
CA Concurs	North Anna	3LW	NO, But we have don repairs on sheeves
	Nine Mile	GE	N/A

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Have you replaced your fuel transfer system in Containment? If so, could you provide lessons learned, alara plans, post jobs, etc

Name: Pam Dix Contact Info: 856-339-1262 pamela.sergent-dix@pseg.com

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mark	Prairie Island	2LW	No, we just fix as needed
Branham	Robinson	3LW	NO
	Salem	4LW	—
	San Onofre	CE	
Boehl	Seabrook	4LW	we Do PM's But Have never Changed the System
Summers	Sequoyah	4LW	Currently in planning - Contact us
J. Mary	South Texas	4LW	Yes, watch out for cables
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
M. Williams	Vogtle	4LW	NO
	Waterford	CE	
J. Hyde	Watts Bar	4LW	No but we have issues with ours.
J. Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you Bref to Dose Rate Alarms.

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
~~Jeff~~ Tentain	Beaver Valley	3LW	Yes
JoeCoughlin	Braidwood	4LW	Yes
Scott Leach	Byron	4LW	yes
Aaron Emloe	Callaway	4LW	yes
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	Yes
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Yes
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Yes
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	yes ~~based~~ if needed based on Activity + RWP setpoint
	Kewaunee	2LW	
SMITH	LaSalle	GE	YES (Based on RAD Conditions/Activity)
S. Lisi	McGuire	4LW	Yes
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	yes
Bill Scarbery	Nine Mile	GE	YES - Exelon Fleet WIDE

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you Brief to Dose Rate Alarms

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mark Branham	Prairie Island	2LW	Yes, but not to workers.
	Robinson	3LW	Yes
R. Dix	Salem	4LW	Yes
	San Onofre	CE	
Boehl	Seabrook	4LW	NO
Summers	Sequoyah	4LW	YES - IF WARRANTED WILL BRIEF ON ANTICIPATED
J. Morgan	South Texas	4LW	Yes but on a very limited basis. Techs are ~~so~~ shy
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Yes
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Yes
M. Williams	Vogtle	4LW	yes but techs are reluctant to due to past Cultural
	Waterford	CE	
J. Hayden	Watts Bar	4LW	Yes
J. Cuttle	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: How much of NSIP's did your site adopt?

Name: DAVID Martin Contact Info: david.martin@xenuclear.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	At least two - post45, air sampling
Joe Coughlin	Braidwood	4LW	All of them
Scott (each	Byron	4LW	1 - 13
Aron Enloe	Callaway	4LW	Most of them, If you need more info contact
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David McCoy	DC Cook	4LW	Most of NSIP
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Most of them
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Fricke	Indian Point	4LW	All
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	All
	Millstone	4LW, CE	
Chantel A Conley	North Anna	3LW	Most of them, working on implication
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
	Prairie Island	2LW	
Branham	Robinson	3LW	Yes, all
P. Dix	Salem	4LW	None yet
	San Onofre	CE	
Boehl	Seabrook	4LW	NISP 02, 06, 08. More To Come
Summers	Sequoyah	4LW	All / With Few Additions and Exceptions
J. Morg	South Texas	4LW	All / but reworking with new Revs, amss
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	All
	Turkey Point	3LW	
Carlson	VC Summer	3LW	All - Fully implemented
M. Williams	Vogtle	4LW	most of them still working Incorporting ~~the~~ then
	Waterford	CE	
J. Hem	Watts Bar	4LW	All With Some additions and Exceptions
J. Cuffe	Wolf Creek	4LW	We have Talked to me done most of them, but not fulley implement
	Framatome		
	BWXT		
Bill Scarbrough	Nine Mile	ALL	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, + 101

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HIGH INTEREST TOPIC AND QUESTIONNAIRE
RP-ALARA Association

Topic: Topic: Does your site perform Forced Oxidation? If no, is it due to the possible fuel degradation?

Name: Steve Edelman Contact info: TMI 717-948-8516

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fantam	Beaver Valley	3LW	yes
JocCoughlin	Braidwood	4LW	yes
Scottcouch	Byron	4LW	yes
Aaron Enloe	Callaway	4LW	yes
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Yes
	Diablo Canyon	4LW	
Jeff Odgeran	Farley	3LW	Not sure
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Fredle	Indian Point	4LW	yes - full system
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	yes
	Millstone	4LW, CE	
Charles Acerra	North Anna	3LW	yes
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association

Topic: Topic: Does your site perform Forced Oxidation? If no, is it due to the possible fuel degradation?

Name: Steve Edelman Contact info: TMI 717-948-8516

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
D. Mart	Prairie Island	2LW	Yes
	Robinson	3LW	
P. Dix	Salem	4LW	yes
	San Onofre	CE	
Boehl	Seabrook	4LW	Yes.
Summers	Sequoyah	4LW	YES - ALSO RUN TWO RCPS FOR 24 HRS
	Sizewell B	4LW	
J. Mon	South Texas	4LW	Yes
	St.Lucie	CE	
	Surry	3LW	
Steve Edelman	TMI	B&W	Yes; We are looking at not performing in fall defuel outage
	Turkey Point	3LW	
Carbon	VC Summer	3LW	Yes
M. Williams	Vogtle	4LW	yes we do
	Waterford	CE	
J. Hugh	Watts Bar	4LW	Unknown
J. Cuffe	Wolf Creek	4LW	No
	EDF		
	AREVA		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Dose Rate/Contamination ~~Limits~~ Thresholds on: 1 Primary SG Platform?
2 ECT Probe Pushers?
3 Probe Pusher Filters?

Name: J. Hansen

Contact Info: Jthansen@TVA.gov

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
~~Jeff~~ Fontaine	Beaver Valley	3LW	- Platform - 100,000 cpm/100cm², Probe - No limit - Filters - 50 mR/hr
Joe Coughlin	Braidwood	4LW	Platform 100K
Scott Leach	Byron	4LW	will check
Aaron Enloe	Callaway	4LW	need to Pull Survey's & procedure Send me email
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	NA - BWR 6
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Please contact RAY Vannoy. ~~Anne~~
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	will check
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Filters - 10 R/HR, others need to Consult RWP.
	Kewaunee	2LW	
	LaSalle	GE	N/A - BWR
S. Lisi	McGuire	4LW	Call For Info
	Millstone	4LW, CE	
Chantel A Cerros	North Anna	3LW	Platform 100,00 dpm/100cm Filters - 80 MR/hr
Bill Scarbery	Nine Mile	GE	N/A BWR

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: See other side

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
Dhart	Point Beach	2LW	>50 K DRem/hr @ cm² / 25-50 mRem/hr @ platform
	Prairie Island	2LW	
	Robinson	3LW	
R. Dix	Salem	4LW	Have to check surveys
	San Onofre	CE	
Boehl	Seabrook	4LW	Platforms are Horseneck, High Contact
Summers	Sequoyah	4LW	EMAIL ME FOR DATA
J. Morgan	South Texas	4LW	email me for data
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	E-mail me for data.
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Platform → HRA / HCA Pushers/Filters → HRA
M. Williams	Vogtle	4LW	NO set limits
	Waterford	CE	
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you have automated fleet dose reporting with ties to PCo work order closure

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	NO
Joe Coughlin	Braidwood	4LW	I/P
Scott Leach	Byron	4LW	Coming Soon
Aaron Enbe	Callaway	4LW	Not Fleet, we run reports from ~~it~~ system ~~is~~ tied to Sentinel
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OGDEN	Clinton	GE	Beta testing automated dose report
	Davis Besse	B&W	
David Miller	DC Cook	4LW	N A.
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	No
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Fink	Indian Point	4LW	Yes
	Kewaunee	2LW	
Mike Close	LaSalle	GE	NOT AT THIS TIME
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	NO
Bill Seaberry	Nine Mile	GE	IN PROGRESS — Soon

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you have automated fleet dose reporting tied to PG workorder closure.

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
DMA	Prairie Island	2LW	No
Branham	Robinson	3LW	Yes
P. Dix	Salem	4LW	No
	San Onofre	CE	
Buehl	Seabrook	4LW	We are working on it. Using Power BI
Summers	Sequoyah	4LW	HIS-20 + PG + MAXIMO = TABLEAU REPORT
J. Mong	South Texas	4LW	No home grown but getting PG this yea
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Not from PG
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
M. Williams	Vogtle	4LW	NO
	Waterford	CE	
J. Hyde	Watts Bar	4LW	Yes, Tableau
J Luffe	Wolf Creek	4LW	Not a fleet
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do You Use Remote locks? Best applications?

Name: J. Hajek Contact Info: jthajek@tva.gov

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No
Joe Coughlin	Braidwood	4LW	Nope
Scott Cecchi	Byron	4LW	NO
Aaron Enloe	Callaway	4LW	NO
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	No
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	No
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frank	Indian Point	4LW	NO - likely application s/b H.H.'s AND MANWAYS.
	Kewaunee	2LW	
Mike Close	LaSalle	GE	NO
S. Lisi	McGuire	4LW	yes, s/b primary & secondary side
	Millstone	4LW, CE	
A Conway	North Anna	3LW	NO
Bill Sanbury	Nine Mile	GE	NO

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: See other Sides

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mark	Prairie Island	2LW	No
Branham	Robinson	3LW	yes, SIG LHRA Manway locks
P. Dix	Salem	4LW	No
	San Onofre	CE	
Boehl	Seabrook	4LW	NO Remote locks. Smart TurnStyles @ RCA entrance
Summers	Sequoyah	4LW	Have remote locks / Also Smart Turn Styles
J. Mong	South Texas	4LW	No, but looking into it
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
M. Williams	Vogtle	4LW	NO but would like to
	Waterford	CE	
	Watts Bar	4LW	
J Luffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: DO you Provide Continuous Coverage in Containment while online

Name: J Boell Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Yes, continuous coverage typically 2 RTs
Joe Coughlin	Braidwood	4LW	Only if surveys are not current
Scott Leach	Byron	4LW	Yes, LHRA control
Aaron Enloe	Callaway	4LW	yes, LHRA entry at 2x's per year
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OGDEN	Clinton	GE	N/A BWR-6
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Yes. for some entries use heat stress conditions of workers.
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Yes, LHRA Coverage
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Absolutely
	Kewaunee	2LW	
	LaSalle	GE	N/A BWR
S. Lisi	McGuire	4LW	upper Containment NO, Lower yes
	Millstone	4LW, CE	
CR Concert	North Anna	3LW	Yes, we are Vacuum to 11 psi
Bill Seaburg	Nine Mile	GE	N/A BWR

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you provide continuous coverage for online containment entries

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mark Branham	Prairie Island	2LW	Yes
	Robinson	3LW	Yes, Posted LHRA. Annual Entry.
P. Dix	Salem	4LW	NO if °/s bioshield and Not line of sight to RX ~~surveys~~ Stay times
	San Onofre	CE	
Boehl	Seabrook	4LW	For infrequent Areas, Move to Quarterly Surveys
Summers	Sequoyah	4LW	NO - GRAB AIRS AND INTERMITTENT COVERAGE / ~~OT~~ ACTIVITY?
J. Morj	South Texas	4LW	No
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No. survey week prior (no breaches)
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Yes - LHRA
M. Williams	Vogtle	4LW	yes - LHRA
	Waterford	CE	
J. Shiles	Watts Bar	4LW	Only inside LHRA areas, or when other conditions warrant
J. Cuffle	Wolf Creek	4LW	Yes —
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: have you Removed or Plan on Removing Baffle Bolts

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeffrey Fontaine	Beaver Valley	3LW	Not to my knowledge
Joe Coughlin	Braidwood	4LW	Nope
Scott Lech	Byron	4LW	NO
Aaron Embe	Callaway	4LW	NO
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	NO
	Davis Besse	B&W	
David Miller	DC Cook	4LW	(W) last 2, 3 outage. 200 Bolt replaced per outage per unit 162 machinery ad tech - much improved in Spring 2018 outage ~90 Day
	Diablo Canyon	4LW	
Jeff Ogyeran	Farley	3LW	NOT SURE will check.
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Fink	Indian Point	4LW	FAIT accompli
	Kewaunee	2LW	
	LaSalle	GE	N/A
S. Lisi	McGuire	4LW	not that I know of
	Millstone	4LW, CE	
A Cony	North Anna	3LW	NO
	Nine Mile	GE	N/A

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: Baffle Bolts, Planned or Previously worked?

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mart	Prairie Island	2LW	Yes
	Robinson	3LW	Not sure
P. Dix	Salem	4LW	U1 did Baffle Bolts Spring 2018 U2 scheduled 2020
	San Onofre	CE	
Boehl	Seabrook	4LW	we have not Done Baffle Bolts.
Summers	Sequoyah	4LW	BAFFLE BOLT VISUAL AND UT PERFORMED - NO ISSUES
J. Morgan	South Texas	4LW	Not yet
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Pushed (dependent)
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
Michelle Williams	Vogtle	4LW	NO
	Waterford	CE	
J. Hyde	Watts Bar	4LW	Unknown
J. Cuffe	Wolf Creek	4LW	We have not
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: What is your ED bias set for (10%?)
What is DLR to ED ratio after DLR load (% buy back)

Name: Pam Dix Contact Info: pameda, sergent-dix@rseg.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	8%, Dose dependent
Joe Coughlin	Braidwood	4LW	25-30% outage
Scott Leach	Byron	4LW	10% ~ 16%
Aaron Enloe	Callaway	4LW	I believe it is ≃5% need to talk to Health Physicists to make sure - Going to DMC3000
	Calvert Cliffs	CE	
	Catawba	4LW	
Frankie Owens	Clinton	GE	10% bias Buy back (13-14% but varies) will send you actuals
	Davis Besse	B&W	
David Miller	DC Cook	4LW	~15%, Buy Back ~ 3%
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	≃ 10%
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Bias < 10% > DLR, Return Ave ≥ 10%.
	Kewaunee	2LW	
Mike Close	LaSalle	GE	10% Bias BuyBack 13-16%
S. Lisi	McGuire	4LW	10%
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	7%) Btw 5% - 10%
	Nine Mile	GE	10% Last Outage 16.9% Buy Back

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: What is your ED bias set for (~10%?)
What is your DLR buy back (%)

Name: Ram Dix Contact Info: 856-339-1262

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mark	Prairie Island	2LW	JRD to DLR > 10% going to OMC 3000 -
Branham	Robinson	3LW	5%
	Salem	4LW	
	San Onofre	CE	
Boehl	Seabrook	4LW	Zero Bias. 10-13% Return on DLR
Summers	Sequoyah	4LW	USE OSL's - 15-20% BIAS
J. Moyer	South Texas	4LW	0%
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	10%; Varies
	Turkey Point	3LW	
Carlson	VC Summer	3LW	5%; 10% increase
Michelle Willis	Vogtle	4LW	17% bias - lowering to 10% this year 15% return
	Waterford	CE	
J. Hayes	Watts Bar	4LW	Unknown
	Wolf Creek	4LW	~ 8 to 10% —
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you use Excel Scaffold? Any restrictions?

Name: Pam Dix Contact Info: 856-339-1262

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	yes, No restrictions
Jocvaughn	Braidwood	4LW	Yes No issues
Scott Bach	Byron	4LW	yes, no restrictions
Aaron Embe	Callaway	4LW	yes
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	Yes. no restrictions
	Davis Besse	B&W	
David Miller	DC Cook	4LW	No
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	No
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	use both Excel and tube ? knuckle unaware of restriction
	Kewaunee	2LW	
Mike Close	LaSalle	GE	Yes, Engr. Discretion or add Hgrs/shapes
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel A Conley	North Anna	3LW	NO
	Nine Mile	GE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you use Excel Scaffold? Any Restrictions?

Name: Pam Dix Contact Info: 856-339-1262

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
[illegible]	Prairie Island	2LW	No
Branham	Robinson	3LW	yes, No restrictions
	Salem	4LW	
	San Onofre	CE	
Boehl	Seabrook	4LW	Only in Turbine Bldg
Summers	Sequoyah	4LW	No
J. Mog	South Texas	4LW	No
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Not yet
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
Wiggins	Vogtle	4LW	yes. No Restrictions
	Waterford	CE	
J. Hafer	Watts Bar	4LW	No
J. Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTERACTION TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: See other side

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	PRC-01M both online & outage positive source term reduction
Joe Coughlin	Braidwood	4LW	PRC01M - good product
Scott Couch	Byron	4LW	PRC-01M Good Source term reduction
Aaron Enloe	Callaway	4LW	not sure Rad waste handles will have to ask what they use
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	Yes. Specialty resins in FP/FC & RWCU demins comparable to PRC-01 Good results
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Yes PRC-01M - Los Alamos / mr. p. energy since 2002 10 cycles Global lowest Pipe ~~Source term~~ per Westinghouse Battle Bdr. personnel
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	NOT SURE, will check.
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Yes PRC-01B 20-40% Source Term Reduction
	Kewaunee	2LW	
Mike Close	LaSalle	GE	We Have used Cosog Resin not sure we are still
S. Lisi	McGuire	4LW	yes, call for results
	Millstone	4LW, CE	
	North Anna	3LW	
	Nine Mile	GE	IDK

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you use specialty resin? If so, what resin and what were the results

Name: Pam Dix Contact Info: pamela.sergent-dix@pseg.com

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mast	Prairie Island	2LW	PRC-01M third cycle Results 5 Rem savings (R3) no change in cost Dust
	Robinson	3LW	
	Salem	4LW	
	San Onofre	CE	
Buehl	Seabrook	4LW	Cation, Anion mixed Beds
Summers	Sequoyah	4LW	Macroporous overlay
J. Morgan	South Texas	4LW	Not sure, will follow up
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	PRC-01M
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Evaluating PRC01M
Wiggins	Vogtle	4LW	evaluating PRC01M
	Waterford	CE	
J. Hyer	Watts Bar	4LW	Unknown
	Wolf Creek	4LW	PRC 01M - ~ 15% reduction in some term
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: How does your site set your Outage Dose goal? RWP estimates or other? How many months in advance? Do you use financial incentives? or contract incentives

Name: Aaron Enloe Contact Info: 573 592-9246 Aenloe@Ameren.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Station ALARA committe sets goal after project goals are set
Joe Coughlin	Braidwood	4LW	Same as Byron
Scott Lauch	Byron	4LW	Dose Template + scope, yes, 3 months Both bonuses tied to RP dose performance
	Callaway	4LW	
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	Set base line with best even performance than include uniques AIP for dose goal ~12mos advance
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Station ALARA committee sets goals, ~6 months RWP est on historical, financial incentives
	Diablo Canyon	4LW	
Jeff Degean	Farley	3LW	RWP ESTIMATES
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	ESTIMATE is driven by APPROVED WORK GOAL is SET by BUSINESS PLAN (full POINTS)
	Kewaunee	2LW	
Mike Close	LaSalle	GE	See Clinton Response
S. Lisi	McGuire	4LW	STARTS out 1 year out, updated 6 months - 3 months, 1 month -
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	Yes - yes - 3-5 mths - NO;
Bill Starkey	Nine Mile	GE	See Clinton

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

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mark	Prairie Island	2LW	Planned off history / plant condition / station ALARA Coor. Approves
Branham	Robinson	3LW	Site ALARA Comm. / Yes RWP est. T-1 Month out is final # / NO.
P. Dix	Salem	4LW	Review each work order tasks and assign dose & challenging hours, SAC approves est and goal @ ~2 months out.
	San Onofre	CE	
Boehl	Seabrook	4LW	typically 1 mo before outage By ALARA. Yes Financial Goals
Summers	Sequoyah	4LW	LINE BY LINE WO'S AND HISTORICAL EMAIL ME IF YOU NEED HELP
J. Morgan	South Texas	4LW	6 month prior based on Historical data, NO finance
	St.Lucie	CE	
	Surry	3LW	
	TMI	B&W	
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Historical Averages for scheduled work; 3 months out; No Incentives
Wiggins	Vogtle	4LW	We have an outage planner that sets goals based off historical, 3mths.
	Waterford	CE	
	Watts Bar	4LW	
	Wolf Creek	4LW	Station ALARA comm. sets estimate / goal based on work. ~2 months; Some financial incentives for Refuel and generator
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you have permanent scaffolds in Containment?

Name: Ram Dix Contact Info: 856-339-1262

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fantain	Beaver Valley	3LW	Yes
Joe Coughlin	Braidwood	4LW	Yes
Scott Leach	Byron	4LW	Yes
Aaron Enloe	Callaway	4LW	not that I am aware of Some Storage
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	NO
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	NO
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Fink	Indian Point	4LW	Perm. pipe + Tube - no Planks
	Kewaunee	2LW	
	LaSalle	GE	N/A
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	Yes
	Nine Mile	GE	N/A

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you have permanent scaffolds in Containment?

Name: Ram Dix Contact Info: 856-339-1262

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mark	Prairie Island	2LW	No
Branham	Robinson	3LW	yes
	Salem	4LW	
	San Onofre	CE	
Boehl	Seabrook	4LW	None installed, we have Storage
SUMMERS	Sequoyah	4LW	HAVE SCAFFOLD PERMANENT FOR SHIELDING AROUND X-OVERS
J. Morgan	South Texas	4LW	Yes
	St.Lucie	CE	
	Surry	3LW	
Edelmon	TMI	B&W	Yes
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Storage = Yes Erected = No
Wiggins	Vogtle	4LW	We have stored & erected permenant scaffold in CTMT
	Waterford	CE	
J. Hutchins	Watts Bar	4LW	Storage = Yes Erected = No
J. Luffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Does your site use tenths on SRD's or use the chirp feature @ 1MR? why if you do or why not

Name: Aaron Enloe Contact Info: 573-592-9246 Aenloe@Ameren.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Tenth feature - yes Chirp - No
Joe Coughlin	Braidwood	4LW	yes - NO
Scott Gewh	Byron	4LW	Yes - NO
	Callaway	4LW	
	Calvert Cliffs	CE	
	Catawba	4LW	
Fowens	Clinton	GE	Yes (tenths) No to beeps
	Davis Besse	B&W	
	DC Cook	4LW	
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Yes - Yes
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	yes on chirp - Inhouse however
	Kewaunee	2LW	
Mike Close	LaSalle	GE	Yes - Tenths No - chirp
S. Li	McGuire	4LW	NO
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	Tenths - yes (although we enter dose in whole ~~rems~~ mrs in) Chirp - NO
Bill Seekamp	Nine Mile	GE	Yes - Tenths no - chirps

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mark	Prairie Island	2LW	≥.5 mRem = 1 mRem No Chirp
Branham	Robinson	3LW	NO
P. Dix	Salem	4LW	No to both - Radcons uses the low alarm feature.
	San Onofre	CE	
Boehl	Seabrook	4LW	yes on 1/10s, no chirps
Summers	Sequoyah	4LW	TENTHS - YES
D. Morg	South Texas	4LW	yes on tenths, no chirp issue with rounding
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Yes round to whole # No chirp
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Display is tenths. No chirp
Wiggins	Vogtle	4LW	tenths because management wants No Chirp because workers should be checking
	Waterford	CE	
J. Hall	Watts Bar	4LW	Tenths - No Chirp
	Wolf Creek	4LW	Tenth feature yes chirp - no.
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: SG ECT Probe Pusher Tents, do you use them?

Name: J. Thajeu Contact Info: jthajeu@tva.gov

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No
Joe Coughlin	Braidwood	4LW	Yes
Scott Leach	Byron	4LW	Yes
Aaron Emloe	Callaway	4LW	Bull pens
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	No → BWR 6
	Davis Besse	B&W	
David Millon	DC Cook	4LW	Custom-designed tent for 96 probes - designed by Fritz (John Lester.)
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Yes
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Fenk	Indian Point	4LW	use Zephyr, bullpen, no tent
	Kewaunee	2LW	
	LaSalle	GE	MA - BWR
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chandel A Corry	North Anna	3LW	no
	Nine Mile	GE	N/A - BWR

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: See other Side

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Mott	Prairie Island	2LW	No
Branham	Robinson	3LW	NO
P. Dix	Salem	4LW	have to check - No SG's since I have been there
	San Onofre	CE	
Boehl	Seabrook	4LW	NO, Bull Pens on Platforms.
Summers	Sequoyah	4LW	YES
J. Mayer	South Texas	4LW	Yes
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
Wiggins	Vogtle	4LW	NO
	Waterford	CE	
	Watts Bar	4LW	
	Wolf Creek	4LW	No, we did in previous outages but determined it was not necessary.
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do You Use LHRA guards on SG Primary Platforms? (when manways are unlocked)
IF NO, what do you use in lieu of LHRA guards?

Name: J. Hajek Contact Info: jthajek@tva.gov

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No. We use remote visual coverage RT in cubicle on headset.
Joe Coughlin	Braidwood	4LW	No
Scott Leach	Byron	4LW	NO - Remote monitoring
Aaron Enloe	Callaway	4LW	not sure I haven't seen this at Callaway yet every 3 year SG work
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	NA - BWR6
	Davis Besse	B&W	
	DC Cook	4LW	
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	WATCH w/ REMOTE CAMERAS
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Lockable shield doors, RT Tech is guard when unlocked.
	Kewaunee	2LW	
	LaSalle	GE	N/A BWR
S. Lisi	McGuire	4LW	NO Remote Locks on Bowl, CAMERAS
	Millstone	4LW, CE	
CA Conroy	North Anna	3LW	NO, HP tech is o/s cube w/ headset and video visual coverage.
	Nine Mile	GE	N/A - BWR

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: See other Side

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mark Branham	Prairie Island	2LW	No. Use procedure Requirements for LHRA.
	Robinson	3LW	No, use remote locking system
P. Dix	Salem	4LW	Have to check - no SG's work since I have been there (next year scheduled)
	San Onofre	CE	
Boehl	Seabrook	4LW	We use Remote Monitors for Guards.
Summers	Sequoyah	4LW	YES - RP - or Lock [illegible]
J. Morgan	South Texas	4LW	No, platform are HRA
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No; Containment boundary
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No - not LHRA
Wiggins	Vogtle	4LW	NO → we have shield doors that we lock & monitor with central
	Waterford	CE	
	Watts Bar	4LW	
J. Luffe.	Wolf Creek	4LW	NO - we use remote monitoring of the area ~~Flashlights~~
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you do head set/Lift with no one in cavity.

Name: David Mark Contact Info: david.mark@exeloncorp.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No - 3 people in cavity
Joe Coughlin	Braidwood	4LW	Yes - Cameras
Scott Leach	Byron	4LW	Yes - Keep one briefed if entry needed
Aaron Embe	Callaway	4LW	NO People in cavity
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David Miller	DC Cook	4LW	NO
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	2-3 people in CAVITY
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	3 People in CAV past OE with damaged Driveshafts.
	Kewaunee	2LW	
S. Hisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Charles A Convey	North Anna	3LW	NO - 1-HP 1-QC 3-MECH -(2)areSpotters -
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
	Prairie Island	2LW	
Branham	Robinson	3LW	NO, 3 people in cavity
R. Dix	Salem	4LW	NO, 2 to 3 people in cavity
	San Onofre	CE	
Boehl	Seabrook	4LW	NO People in Cavity. We have heavy Dose
Summers	Sequoyah	4LW	INITIALLY FOR HEAD LIFT / YES FOR HEAD SET
J. Morgan	South Texas	4LW	No, RP techs and Refuel team are the cavity
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Head Ser no / Lift 1 RP 2 Rx Ser. Techs
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No – 2 people
Wiggins	Vogtle	4LW	NO people in cavity past 2 outages
	Waterford	CE	
S. Hagen	Watts Bar	4LW	No People in Cavity
J. Cuffe	Wolf Creek	4LW	No 3 people
	Framatome		
	BWXT		
Bill Scarbory	Nine Mile		NO – WE USE 2-3 People

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: What do you use for SG Bowl surveys (RO-7s or Teletectors)

Name: J. Hajek Contact Info: jthajek@TVA.gov

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Teletectors
Joe Coughlin	Braidwood	4LW	telepole
Scott Gerch	Byron	4LW	Tele Pole
Aaron Embe	Callaway	4LW	Telepole
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	N/A - BWR-6
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Telepole
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Telepoles + Amp100
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frisk	Indian Point	4LW	RO-2/RO-20 (bowl ~ IR .. due to zinc)
	Kewaunee	2LW	
	LaSalle	GE	N/A BWR
S. Lisi	McGuire	4LW	Telepole
	Millstone	4LW, CE	
Northanna Chantel Conzo	North Anna	3LW	Both - 1/5 telepole Plane - RO-20 - Center of Bowl RO-20
Bill Scarberry	Nine Mile	GE	N/A BWR

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: See other Side

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mark	Prairie Island	2LW	Telepole
Branham	Robinson	3LW	Teletector
P. Dix	Salem	4LW	Teletector
	San Onofre	CE	
Boehl	Seabrook	4LW	RO-7 and Rmp-100
Simmons	Sequoyah	4LW	TELEPOLE
J. Morgan	South Texas	4LW	Telepole II's no sleeving ....
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Telepole
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Telepole
Wiggins	Vogtle	4LW	telepole
	Waterford	CE	
	Watts Bar	4LW	
J. Cuffe	Wolf Creek	4LW	telepole
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: STW GEDDS or GEDDS Lite does your site use?

Name: DAVID MARTIN Contact Info: david.martin@exeloncorp.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No
Joe Coughlin	Braidwood	4LW	No
Scott Leach	Byron	4LW	NO
Aaron Enloe	Callaway	4LW	Not sure Have to ask.
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Cook Switched to another supplier in 2018 - Details From Call / JBowers@aep.com Email -
	Diablo Canyon	4LW	
Jeff Oksepan	Farley	3LW	NO
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
LLOYD FRINK	Indian Point	4LW	NO
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	yes, extensively
	Millstone	4LW, CE	
Crandel Conway	North Anna	3LW	NO
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
	Prairie Island	2LW	
Branham	Robinson	3LW	yes, we use GEDD's
R. Dix	Salem	4LW	have to check
	San Onofre	CE	
	Seabrook	4LW	
Summers	Sequoyah	4LW	YES WE USE GEDD'S
J. Mong	South Texas	4LW	No, we use up
	St.Lucie	CE	
	Surry	3LW	
Edelmon	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
Wiggins	Vogtle	4LW	NO
	Waterford	CE	
	Watts Bar	4LW	We use GEDDS but only the Steam Gen Chan.
J Cuffe	Wolf Creek	4LW	NO
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Does anyone use tenths display on SRDs? Do you use the chirp feature at IMR

Name: Aaron Enloe Contact Info: Aenloe@Ameren.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	We stopped
Joe Coughlin	Braidwood	4LW	Yes - No
Scott Leach	Byron	4LW	Yes - No
	Callaway	4LW	
	Calvert Cliffs	CE	
	Catawba	4LW	
~~Frank~~ Owens	Clinton	GE	Yes (tenths) No (chirp)
	Davis Besse	B&W	
	DC Cook	4LW	
	Diablo Canyon	4LW	
Jeff Orsgeron	Farley	3LW	Yes - Yes
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	yes / yes
	Kewaunee	2LW	
Smith	LaSalle	GE	yes (tenths) No (chirp)
S. Lisi	McGuire	4LW	NO
~~S. Lisi~~	Millstone	4LW, CE	~~NO~~
Chantel + Conway	North Anna	3LW	NO - NO
Bill Scarberry	Nine Mile	GE	YES (Tenths) No (chirp) - ALL OF EXELON

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
[illegible]	Prairie Island	2LW	No / No
	Robinson	3LW	NO
R. Dix	Salem	4LW	No / No
	San Onofre	CE	
Boehl	Seabrook	4LW	we use tenths, no chirps.
Summers	Sequoyah	4LW	YES AT TENTH's / NO CHIRP FEATURE
J. Morgan	South Texas	4LW	Yes for tenths, no chirp
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Shows tenth rounded to whole #s no chirp
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	Yes display tenths ; no chirp
Tiffany Wiggin	Vogtle	4LW	Yes display tenths / No chirp
	Waterford	CE	
J. Hayes	Watts Bar	4LW	Yes, No chirp
French	Wolf Creek	4LW	Yes, Yes
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Anyone using Hydrophobic Coatings to ease Decon efforts Cavity etc.

Name: Aaron Enloe Contact Info: Aenloe@Ameren.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No
Joe Coughlin	Braidwood	4LW	(Chemistry not approved)
Scott Leach	Byron	4LW	No
	Callaway	4LW	
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	No - But under consideration for Dry Cask.
	Diablo Canyon	4LW	
Jeff Degeron	Farley	3LW	NO
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	NO
	Kewaunee	2LW	
Smith	LaSalle	GE	yes - Chemistry sample sinks
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Charles A Conway	North Anna	3LW	NO (RECON Supervisor is Concerned about source term)
Bill Scarberry	Nine Mile	GE	NO

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
D. Mark	Point Beach	2LW	N/O
	Prairie Island	2LW	
Branham	Robinson	3LW	NO, not for cavity but would like to. Used Nevernet for Dry Fuel Cask.
R. Div	Salem	4LW	Looking into it
	San Onofre	CE	
Boehl	Seabrook	4LW	NOT YET. I WANT TO
SUMMERS	Sequoyah	4LW	APPROVED By CHEMISTRY BUT NOT USED
J. Morgan	South Texas	4LW	No
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
Wiggins	Vogtle	4LW	NO
	Waterford	CE	
J. Hazen	Watts Bar	4LW	No
J. Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you use a Special posting in O/S areas (RCA's, RMA's) that frisking is exempted?

Name: Michelle Williams Voght Contact Info: miwillia@southernco.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Yes. Special posting instruction
Joe Coughlin	Braidwood	4LW	Nope
Scott Leach	Byron	4LW	NO
	Callaway	4LW	yes we utilize no Frisk RCA's + Posting
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	no
	Davis Besse	B&W	
David W. Miller	DC Cook	4LW	d
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	I believe we do use a posting
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Yes, " HAND & FOOT frisk REQ'd TO EXIT, PROCEED TO NEAREST Whole body frisker".
	Kewaunee	2LW	
Mike Close	LaSalle	GE	no special posting / utilize NSP Guidance
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel A Coons	North Anna	3LW	yes, special instruction mostly RMAs.
Bill Seaberry	Nine Mile	GE	NO - Aligned W/ NISP-RP-004

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you use a special posting in O/S area's (RCA's, RMA's) that frisking is exempted

Name: Michelle Williams Vogtle 1:2 Contact Info: miwillia@southernco.com

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Martin	Prairie Island	2LW	Yes
Branham	Robinson	3LW	NO
P. Dix	Salem	4LW	NO
	San Onofre	CE	
Boehl	Seabrook	4LW	NO.
Simmons	Sequoyah	4LW	NOT 100% SURE - I WANT TO SAY NO CONTACT ME
J. Morgan	South Texas	4LW	Yes, RMA's it states to go to nearest RCA, to passout
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	NO
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No, we have a sign that "Frisking is required"
	Vogtle	4LW	
	Waterford	CE	
J. Hajek	Watts Bar	4LW	No
J. Luffe	Wolf Creek	4LW	NO
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: WHAT TYPE OF Communication system, do you use for remote motoring? Telex, Vocera, others.

Name: John Cuffe Contact Info: jocuffe@wcnx.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Telex
Joe Caglin	Braidwood	4LW	telex
Scott Losch	Byron	4LW	Telex
Aaron Enloe	Callaway	4LW	Telex I believe
	Calvert Cliffs	CE	
	Catawba	4LW	
	Clinton	GE	
	Davis Besse	B&W	
David W. Miller	DC Cook	4LW	Telex
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Telex
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Telex, Vocera for OPS + Valve Teams.
	Kewaunee	2LW	
Mike Close	LaSalle	GE	Telex + Vocera also use with Phones
S. Lisi	McGuire	4LW	Vocera
	Millstone	4LW, CE	
Charles A Conway	North Anna	3LW	TELEX
Bill Scarberry	Nine Mile	GE	Telex & Currently determing new Vendor

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mark	Prairie Island	2LW	VCom
C. Branham	Robinson	3LW	We use Radioactive Designs. Interested in vocera.
P. Dix	Salem	4LW	Currently telex
	San Onofre	CE	
Boehl	Seabrook	4LW	Telex
Summers	Sequoyah	4LW	RTS Romeo / TELEX
J. Morgan	South Texas	4LW	Telex
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Telex for now
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	Vcom
Michelle Williams	Vogtle	4LW	telex
	Waterford	CE	
J. Hasen	Watts Bar	4LW	Telex/RTS RomEO
	Wolf Creek	4LW	
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: ANCHOR DARLING PART 21 NOTIFICATION. HOW HAS YOUR SITE Responded [i.e. OPEN/INSPECT/REPLACE] ~~Affect~~ Affected VALVES. WHAT WAS the RADIOLOGICAL IMPACT.

Name: LLOYD FRINK Contact Info: 914-254-5805

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	I am unaware of issue
Joe Coughlin	Braidwood	4LW	Not sure
Scott Cranch	Byron	4LW	Unknown
Aaron Enloe	Callaway	4LW	unaware of the issue
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	unaware of issue
	Davis Besse	B&W	
David W. Miller	DC Cook	4LW	AM
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	UNKNOWN
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
	Indian Point	4LW	N/A
	Kewaunee	2LW	
Mike Close	LaSalle	GE	We have opened and Inspected/Replaced Internals on All but 2 that are being cut out during the 2021 Refuel outage
S. Lisi	McGuire	4LW	UNKNOWN
	Millstone	4LW, CE	
Chantel A Conway	North Anna	3LW	We have not / But Surry has. Selma Spratley / Lee Rayford
Bill Scarberry	Nine Mile	GE	UNKNOWN

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Hart	Prairie Island	2LW	First I heard of it?
C. Branham	Robinson	3LW	unaware of this?
P. Dix	Salem	4LW	In Progress
	San Onofre	CE	
Boehl	Seabrook	4LW	I have not heard about this
Summers	Sequoyah	4LW	SIGNIFICANT IMPACT HAVE REPLACED CLOSE TO ALL - CONTACT US.
J. Morgan	South Texas	4LW	unaware of issue
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Unaware
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	Unaware of Issue
Michelle Williams	Vogtle	4LW	Unaware of issue
	Waterford	CE	
J. Hayes	Watts Bar	4LW	Unaware
J. Luffe	Wolf Creek	4LW	Unaware of the issue
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: How Do you set outage Dose goals? Do you use RWP Dose estimates how many months out is it set? Do you use financial Incentives?

Name: Aaron Enloe Contact Info: Aenloe@Ameren.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fantauzzi	Beaver Valley	3LW	Yes, No RWP Goals are set, 3 months, No
Joe Coughlin	Braidwood	4LW	same as BYRON
Scott Leach	Byron	4LW	Baseline Template + Scope, Yes, 3 months, Yes
	Callaway	4LW	
	Calvert Cliffs	CE	
	Catawba	4LW	
	Clinton	GE	
	Davis Besse	B&W	
David W. Miller	DC Cook	4LW	Historical Average from past outages, sister plant comparisons, No, 3 months No.
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	We use RWP estimate plus 7% for emergent dose set prelim. goal 3 months out
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frisk	Indian Point	4LW	Financial incentative – no, Goals set by Business Plan, Approved by SLT.
	Kewaunee	2LW	
Mike Close	LaSalle	GE	Previous outage results for most work most recent data for new tasks
S. Lisi	McGuire	4LW	Mixture of several things, Call for more info
	Millstone	4LW, CE	
Chantel A Cerny	North Anna	3LW	Yes. Yes, 3 mths, No
Bill Scarberry	Nine Mile	GE	Work Orders, Wrench Time, Effective Dose Rates, YES ~3 months, YES

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Hart	Prairie Island	2LW	Yes / Yes Three months out
C. Branham	Robinson	3LW	yes / yes / T-1 month out / NO
P. Dix	Salem	4LW	Rev 0 due - 2 months - use work order wrench hours than estimate and goal approved by Station ALARA Committee. Yes, some vendors contacts
	San Onofre	CE	
Boell	Seabrook	4LW	Yes, Yes, Yes. 1 month
Summers	Sequoyah	4LW	SHOOT US AN EMAIL / LINE BY LINE WO'S / NO-LINE BY LINES / T-6 T-2 T-3 T-0 / NO
J. Morgan	South Texas	4LW	Based on Historical WO due 3 months prior
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Based on activities, 3 months (T-3)
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	Historical Averages; No; 3 months; No
Michelle Wolbert	Vogtle	4LW	We set outage goal based on RWP estimates set at t-6 and refined to t-1
	Waterford	CE	
	Watts Bar	4LW	Yes, Yes, ~3 months
	Wolf Creek	4LW	Yes, Yes, set at ~2 months before outage. Yes
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: How does your plant handle elevated Dose Rate Signs?

Name: David Martin Contact Info: david.martin@xenuclear.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Posted above 25mR/hr -
Joe Coughlin	Braidwood	4LW	postings and/or yellow Flash lites
Scott Leach	Byron	4LW	Postings with a yellow Flashing light
Aaron Enloe	Callaway	4LW	no specific guidance on levels Placed on areas w/ higher Dose Rates than area
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David W. M. Mor	DC Cook	4LW	Supervisor recommendation NIST 7.25mR/h
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	No specific guidance.
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frisk	Indian Point	4LW	INFORMATIONAL SIGN INSERTS / STATUS BOARD UPDATES
	Kewaunee	2LW	
	McGuire	4LW	
	Millstone	4LW, CE	
Chantel Conway	North Anna	3LW	Gradient sign for 5-90 Supervision directed above 90
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
	Prairie Island	2LW	
C. Branham	Robinson	3LW	yes, use for frequently entered rooms w/ GA > 25 mrem/hr.
P. Dix	Salem	4LW	yes, depends on area
	San Onofre	CE	
Boehl	Seabrook	4LW	RP Supervision Recommendations
SUMMERS	Sequoyah	4LW	USE ROPE LIGHTS IN OUTAGE
J. Morgan	South Texas	4LW	> 25 mRem/hr Based on NISP
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	IAW NISP
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	Straight from DNP (GA > 25 mRem/hr)
michelle williams	Vogtle	4LW	utilize guidance from NISP
	Waterford	CE	
J. Hyde	Watts Bar	4LW	We do not use them
J. Cuffe	Wolf Creek	4LW	We do not use them.
	Framatome		
	BWXT		
Bill Scarbery	Nine Mile		Per the NISP. > 25 mRem/Hr

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you have a formal ventilation plan for containment after operating with failed fuel? If so can you share?

Name: Michelle Williams Contact Info: miwillia@southernco.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	I will check.
Joe Coughlin	Braidwood	4LW	No
Scott Cousins	Byron	4LW	no
Aaron Enloe	Callaway	4LW	I don't believe but will have to check
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	No, no failed fuel
	Davis Besse	B&W	
David Miller	DC Cook	4LW	When venting reactor head, route airflow thru HEPA & not directly to Exhaust duct
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Not sure, I will check
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
L. Frisk	Indian Point	4LW	no plan
	Kewaunee	2LW	
Mike Close	LaSalle	GE	we extend time containment Purge is left in service
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel Conzo	North Anna	3LW	I will check
Bill Scarberry	Nine Mile	GE	RP.AA-463-1001 Fuel Surveillance Procedure sent to you

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you have a formal containment ventilation plan after operating with failed fuel? If so can you share?

Name: Michelle Williams Contact Info: miwillia@southernco.com

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mark Branham	Prairie Island	2LW	Email me directly.
	Robinson	3LW	I will look & email if we have one.
R. Dix	Salem	4LW	No failed fuel since 90's
	San Onofre	CE	
Boehl	Seabrook	4LW	I Don't think So.
Summers	Sequoyah	4LW	NOT SURE - EMAIL ME - RECENTLY HAD FF BUT NOT SURE IF FORMAL PLAN
J. Morgan	South Texas	4LW	No
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Yes same as Nine mile
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
	Vogtle	4LW	
	Waterford	CE	
J. Hayes	Watts Bar	4LW	No
J. Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Does your site use SAP work management?

Name: David Martin Contact Info: david.martin@xenuclear.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Pontain	Beaver Valley	3LW	Yep
Joe Coughlin	Braidwood	4LW	No
Scott Couch	Byron	4LW	NO
	Callaway	4LW	NO homegrown Primavera for scheduling
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David Miller	DC Cook	4LW	No
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	MAXIMO / PRIMAVERA
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	PASSPORT / SYNTEMPO
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel + Conway	North Anna	3LW	yes
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
	Prairie Island	2LW	
	Robinson	3LW	NO
Pam Dix	Salem	4LW	yes
	San Onofre	CE	
Bsehl	Seabrook	4LW	NAMS
SUMMERS	Sequoyah	4LW	MAXIMO / P6
J. Morgan	South Texas	4LW	No, Homemade system
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No P6
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	No
middlewicks	Vogtle	4LW	no
	Waterford	CE	
J. Thaim	Watts Bar	4LW	No
J. Cuff	Wolf Creek	4LW	NO
	Framatome		
	BWXT		
Bill Seaberry	Nine Mile		Maximo

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you DO full System Crud Burst or Vessle only?

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Yes, though can be variable
Joe Coughlin	Braidwood	4LW	full system
Scott Cecil	Byron	4LW	Full System
Aaron Enloe	Callaway	4LW	Full system
	Calvert Cliffs	CE	
	Catawba	4LW	
	Clinton	GE	
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Full, no fuel cleanup so Rx vessel would not be advisable
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	Full system
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Only full system (OE from TMI & Bessec)
	Kewaunee	2LW	
	LaSalle	GE	
S. Lisi	McGuire	4LW	full system
	Millstone	4LW, CE	
Chantel A Cruz	North Anna	3LW	Full systems
	Nine Mile	GE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you do Full System Crud Burst or Vessle only.

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
	Prairie Island	2LW	Full
Branham	Robinson	3LW	Full
P. Dix	Salem	4LW	Full
	San Onofre	CE	
Buehl	Seabrook	4LW	Full System
Summers	Sequoyah	4LW	FULL
S. Morgan	South Texas	4LW	Full
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Full
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Full System
Michelle Williams	Vogtle	4LW	Full System
	Waterford	CE	
J. Hardie	Watts Bar	4LW	Full System
J. Cuffe	Wolf Creek	4LW	Full system
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Have you used small charcoal units for valve breaches? What kind?

Name: Wiggins Contact Info: Vogtle

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	JP-125
Joe Coughlin	Braidwood	4LW	No
Scott Leach	Byron	4LW	NO
Aaron Enloe	Callaway	4LW	Not to my knowledge
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	NO, But TEPCo uses a mobile Ag X unit from RASA. Fabrikes.
	Diablo Canyon	4LW	I'
Jeff Orgeron	Farley	3LW	Yes we do, NOT SURE WHAT BRAND Will check
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	NO
	Kewaunee	2LW	
Mike Close	LaSalle	GE	NO
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel A Cary	North Anna	3LW	no
Bill Scarberry	Nine Mile	GE	NO

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Martin	Prairie Island	2LW	No
Branham	Robinson	3LW	NO
P. Dix	Salem	4LW	No
	San Onofre	CE	
Boehl	Seabrook	4LW	NO
Summers	Sequoyah	4LW	NO-
J. Morgan	South Texas	4LW	No
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	No
	Turkey Point	3LW	
Carlson	VC Summer	3LW	No
	Vogtle	4LW	
	Waterford	CE	
J. Hopper	Watts Bar	4LW	NO
French	Wolf Creek	4LW	NO
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Have you Done SG Bowl Drain Replacement?

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	Planning for Unit 2
Jeffrey Fontaine	Beaver Valley	3LW	Planning one for Spring of 2020
Joe Coughlin	Braidwood	4LW	Yes we did few years AGO
Scott Cash	Byron	4LW	YES, I will Provide info
Aaron Enloe	Callaway	4LW	not that I am aware of new SG in 2005
	Calvert Cliffs	CE	
	Catawba	4LW	
Frank Owens	Clinton	GE	No - Bowl
	Davis Besse	B&W	
D. Miller	DC Cook	4LW	NO
	Diablo Canyon	4LW	
Jeff Orgern	Farley	3LW	NO
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Frisk	Indian Point	4LW	yes, will send info
	Kewaunee	2LW	
	LaSalle	GE	
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel Conway	North Anna	3LW	NO, I will check if we are in the future
Bill Seaborg	Nine Mile	GE	N/A

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: Have you Done SG Bowl Drain Replacements

Name: K. Boehl Contact Info: Kinsey.Boehl@NEE.com

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D. Mark	Prairie Island	2LW	Yes.
Brantham	Robinson	3LW	NO
Pam Dix	Salem	4LW	No
	San Onofre	CE	
Boehl	Seabrook	4LW	We may next outage OR20
Summers	Sequoyah	4LW	NOT TO MY KNOWLEDGE - WILL FOLLOW UP
J. Morgan	South Texas	4LW	No
	St.Lucie	CE	
	Surry	3LW	
Steve Edelma	TMI	B&W	No.
	Turkey Point	3LW	
	VC Summer	3LW	No
Michelle Williams	Vogtle	4LW	NO
	Waterford	CE	
J. Heins	Watts Bar	4LW	No
J. Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Orex vs Washable Which is cost effective? (Provide cost difference) Thanks.

Name: David Martin Contact Info: david.martin@exeloncorp.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	Washable
Joe Coughlin	Braidwood	4LW	use Launderable
Scott Loach	Byron	4LW	use Launderable (Can. Tech)
A Enloe	Callaway	4LW	we only use orex
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
	DC Cook	4LW	
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	We only use OREx
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	OREx sole use, except heat stress + ultra high risk
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	ORex
	Millstone	4LW, CE	
CA Conway	North Anna	3LW	We only use Orex except a few for allergies/sensitive skin
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
	Prairie Island	2LW	
C. Branham	Robinson	3LW	We use launderable PC's (Unitech)
Pam Dix	Salem	4LW	Washable - more cost effective
	San Onofre	CE	
Boehl	Seabrook	4LW	We launder PCs + Modesties
Summers	Sequoyah	4LW	USE OREX FOR FLEET - NOT SURE ABOUT COST
J. Morgan	South Texas	4LW	We use disposable from UniTech/ I have law cost analysis at previous plant RBS / Common Peak / use OREX
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Washable
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	Switched from launderable to Orex 2 cycles ago b/c Orex was more cost effective.
Michelle Wilkins	Vogtle	4LW	OREX only Performed cost comparison Not much difference
	Waterford	CE	
	Watts Bar	4LW	Orex only
J Lufkin	Wolf Creek	4LW	We use orex only
	Framatome		
Howard	BWXT		Currently use launderables may look at OREX in future
Bill Scarberry	Exelon		NO OREX in EXELON - UniTech @ All

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association

Topic: Prior to your outage, do you see a rise in Co-58 activity? If yes, when does this ramp-up occur?

Name: Steve Edelman Contact info: TMI 717-948-8516

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No
Joe Coughlin	Braidwood	4LW	Approx 9 weeks out, steady rise 5/6 weeks out
Scott Leach	Byron	4LW	Yes, 5 to 6 weeks out
Aaron Enloe	Callaway	4LW	NO
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David Minor	DC Cook	4LW	No
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	NO
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frisk	Indian Point	4LW	NOT when unit is tripped Only observe Co-58 increase during Coastdown,
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel Conway	North Anna	3LW	NO
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE
RP-ALARA Association

Topic: Prior to your outage, do you see a rise in Co-58 activity? If yes, when does this ramp-up occur?

Name: Steve Edelman Contact info: TMI 717-948-8516

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
D. Martin	Prairie Island	2LW	No
	Robinson	3LW	NO
Pam Dix	Salem	4LW	No
	San Onofre	CE	
Buehl	Seabrook	4LW	Yes with Boric Acid Dilution
Summers	Sequoyah	4LW	Send me an email and will send our trends
	Sizewell B	4LW	
J. Morgan	South Texas	4LW	Not to my knowledge, will double check
	St.Lucie	CE	
	Surry	3LW	
Steve Edelman	TMI	B&W	Yes; We observed an increase in Co-58 approximately 12 months prior to the outage. Our Co-60 remained flat.
	Turkey Point	3LW	
	VC Summer	3LW	No
Michelle Williams	Vogtle	4LW	NO
	Waterford	CE	
	Watts Bar	4LW	
John Cuffe	Wolf Creek	4LW	No
Frank Owens	~~EDF~~ Clinton	GE	No
Tim Smith Mike Close	~~AREVA~~ LaSalle	GE	
	~~BWXT~~ Nine Mile	GE	NO

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Do you have Permanent Shields installed on Piping in Containment

Name: K. Boehl Contact Info:

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
Jeff Fontaine	Beaver Valley	3LW	No
JoeCoughlin	Braidwood	4LW	Nope
Scott Leach	Byron	4LW	NO
	Callaway	4LW	No But trying toget there
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	yes in drywell – not fully complete – shadow shielding.
	Davis Besse	B&W	
David Miller	DC Cook	4LW	NO
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	No, BUT INTERESTED.
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	No DIRECT APPLICATION
	Kewaunee	2LW	
	LaSalle	GE	
S. Lig	McGuire	4LW	NO
	Millstone	4LW, CE	
	North Anna	3LW	
Bill Seaburg	Nine Mile	GE	SAME AS Clinton

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: Do you have Permed Shielding installed on Piping in Containment.

Name: Boehl Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
[illegible]	Prairie Island	2LW	NO
C. Branham	Robinson	3LW	No, but we are working w/ Eng. now on perm. shielding our letdown line in CV.
Pam Dix	Salem	4LW	yes
	San Onofre	CE	
Boehl	Seabrook	4LW	NO Due to Seismic + GSI-191
	Sequoyah	4LW	
J. Morgan	South Texas	4LW	Yes, PZR spray lines
	St.Lucie	CE	
	Surry	3LW	
Steve Goldman	TMI	B&W	No
	Turkey Point	3LW	
	VC Summer	3LW	No but we are trying to get there
Michelle Williams	Vogtle	4LW	NO
	Waterford	CE	
Sarah Hudson	Watts Bar	4LW	No
Cuffe / French	Wolf Creek	4LW	No / Evaluating Insulated Shielding
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Anyone experienced reduced flow on their Spent Fuel Demin?

Name: Bill Meldrum Contact Info: Oconee

Contact (Name)	Plant	NSSS	Comments
Blake McCollit	ANO	CE, B&W	No
Jeff Fontaine	Beaver Valley	3LW	No
Joe Coughlin	Braidwood	4LW	No
Scott Leach	Byron	4LW	NO
Aaron Enloe	Callaway	4LW	Not Sure I will have to check
	Calvert Cliffs	CE	
	Catawba	4LW	
FRANK OWENS	Clinton	GE	No
	Davis Besse	B&W	
David Miller	DC Cook	4LW	No, But we add PRC-OIM to the SFP Demin. works well
	Diablo Canyon	4LW	
Jeff Orsecan	Farley	3LW	NOT SURE
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
LLOYD FRINK	Indian Point	4LW	Yes, Silica loading from SFP
	Kewaunee	2LW	
	LaSalle	GE	
S. Lis.	McGuire	4LW	NO
	Millstone	4LW, CE	
Chantel Conley	North Anna	3LW	ask I will check
Bill Seaburg	Nine Mile	GE	Don't believe So

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: Anyone experienced reduced flow on their Spent Fuel Demins?

Name: Bill Meldrum Contact Info: Oconee

Contact (Name)	Plant	NSSS	Comments
B. Meldrum	Oconee	B&W	currently down to 20gpm.
	Palisades	CE	
	Palo Verde	CE	
	Point Beach	2LW	
D Martin	Prairie Island	2LW	No
	Robinson	3LW	
Pam Dix	Salem	4LW	No
	San Onofre	CE	
Boehl	Seabrook	4LW	NO
Summers	Sequoyah	4LW	Not that I am aware
S. Morgan	South Texas	unsure, will follow up	
	St.Lucie	CE	
	Surry	3LW	
Steve Edelma	TMI	B&W	No
	Turkey Point	3LW	
Casey Carlson	VC Summer	3LW	No
Michelle Williams	Vogtle	4LW	NO
	Waterford	CE	
	Watts Bar	4LW	
John Cuffe	Wolf Creek	4LW	No
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: For SG HEPAs, do you route the exhaust to CTMT Purge?

Name: Jacob Hajek Contact Info: jthajek@tva.gov

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
	Beaver Valley	3LW	
Joe Coughlin	Braidwood	4LW	No
Scott Leach	Byron	4LW	NO
	Callaway	4LW	
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David Miller	DC Cook	4LW	Yes, if CTMT purge is running.
	Diablo Canyon	4LW	
Jeff Orgeron	Farley	3LW	think so, I will confirm.
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Frink	Indian Point	4LW	Channel Head → HEPA → S/G maint Exh → CTMT Exh.
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	yes
	Millstone	4LW, CE	
	North Anna	3LW	
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic: See other Side

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
D. Mast	Prairie Island	2LW	Yes. but there are other ways to manage ALARA
	Robinson	3LW	
	Salem	4LW	
	San Onofre	CE	
	Seabrook	4LW	
Summers	Sequoyah	4LW	E-MAIL ME
J. Morgan	South Texas	4LW	NO
	St.Lucie	CE	
	Surry	3LW	
	TMI	B&W	
	Turkey Point	3LW	
~~Michael Williams~~	VC Summer	3LW	
Michael Williams	Vogtle	4LW	yes
	Waterford	CE	
	Watts Bar	4LW	
French	Wolf Creek	4LW	NO
	Framatome		
	BWXT		

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association **Key West, FL** **January 22-24, 2019**

Topic: Under RX Head Inspections. Can you send me RWP, ALARA Plans, shielding pictures(if used)? Did you use EDEX?

Name: Christy Branham Contact Info: Christy.Branham@duke-energy.com

Contact (Name)	Plant	NSSS	Comments
	ANO	CE, B&W	
	Beaver Valley	3LW	
Joe Coughlin	Braidwood	4LW	Yes
Scott Leach	Byron	4LW	Yes, I will send info
Aaron Ember	Callaway	4LW	Contact me I can get you the info
	Calvert Cliffs	CE	
	Catawba	4LW	
	Davis Besse	B&W	
David Miller	DC Cook	4LW	No use of EDEX.
	Diablo Canyon	4LW	
Jeff Degeron	Farley	3LW	Yes CONTACT ME FOR Info.
	Ft. Calhoun	CE	
	Ginna	2LW	
	Harris	3LW	
Lloyd Feink	Indian Point	4LW	yes, yes, yes, NO EDEx used MULTI BADGE
	Kewaunee	2LW	
S. Lisi	McGuire	4LW	of course, call me
	Millstone	4LW, CE	
A Corey	North Anna	3LW	Of Cours.
	Oconee	B&W	
	Palisades	CE	
	Palo Verde	CE	

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HIGH INTEREST TOPIC AND QUESTIONNAIRE

RP-ALARA Association Key West, FL January 22-24, 2019

Topic:

Name: Contact Info:

Contact (Name)	Plant	NSSS	Comments
	Point Beach	2LW	
D. MARTIN	Prairie Island	2LW	MAY have history new heads.
	Robinson	3LW	
P. Dix	Salem	4LW	Not sure - new heads a few years ago but will check
	San Onofre	CE	
Kinsey.Bachl@NEE.com	Seabrook	4LW	we have plenty of OE under head. Email me
SUMMERS	Sequoyah	4LW	NO EDEX / MULTI BADGE AT TIMES / WILL DO
J. Mory	South Texas	4LW	No edex, and yes can send them
	St.Lucie	CE	
	Surry	3LW	
Edelman	TMI	B&W	Send email reminder yes
	Turkey Point	3LW	
Carlson	VC Summer	3LW	Yes. EDEX was used for all entries under Rx Head
Wiggins	Vogtle	4LW	YES NOT SURE ON EDEX
	Waterford	CE	
J. Hajek	Watts Bar	4LW	E-mail me and I will Put You intouch with the right People.
Jocuffe@WCNOC.com	Wolf Creek	4LW	Can send you our plans, we do use EDEX.
	Framatome		
	BWXT		
	NineMile		N/A

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