



**2015 Summer Meeting  
Key West, FL  
January 20-22, 2015**



## **2015 Board of Directors**

### **Chairman:**

**2013-2015 Term**

**Steve Edelman (717-948-8516) [steven.edelman@exeloncorp.com](mailto:steven.edelman@exeloncorp.com) – Three Mile Island**

### **Vice-Chairman**

**2013-2015 Term**

**2015-2017 Term as Chairman**

**Dana Page (803-701-3596) [dana.page@duke-energy.com](mailto:dana.page@duke-energy.com) – Catawba Nuclear Station**

### **Secretary**

**2014-2016 Term**

**Crystal Couey (410-495-2681) [crystal.couey@exeloncorp.com](mailto:crystal.couey@exeloncorp.com) – Calvert Cliffs**

### **Treasurer**

**2013-2015 Term**

**Steve Lisi (704-875-5124) [stephen.lisi@duke-energy.com](mailto:stephen.lisi@duke-energy.com) – McGuire Nuclear Station**

### **Steering Committee "At Large" Members**

**2014-2016 Term**

**Kinsey Boehl (603-773-7638) [kinsey.boehl@fpl.com](mailto:kinsey.boehl@fpl.com) – Seabrook**

**Shari Mosty (254-897-5204) [shari.mosty@luminant.com](mailto:shari.mosty@luminant.com) – Comanche Peak**

### **Steering Committee "At Large" Members**

**2014-2015 Term**

**Harry Miller (815-417-2713) [harryl.miller@exeloncorp.com](mailto:harryl.miller@exeloncorp.com) – Braidwood**

**Rick Rogers (805-545-3246) [rwr2@pge.com](mailto:rwr2@pge.com) – Diablo Canyon**

**\*\* Terms begin/end after the Summer Meeting of the year indicated \*\***





**Key West, FL  
January 20-22, 2015**

**MEETING BOOK INDEX**

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4	Plant Status Reports
5	High Interest Topic and Questionnaire form
	Meeting Critique form



# PWR RP/ALARA Association Meeting Agenda

## Key West, Florida - January 2015



### **Monday, Jan 19**

16:00 – 18:00      Steering Board Meeting & Appetizers

### **Tuesday, Jan 20**



14:00 – 15:00      Meeting Registration – Salon Foyer

15:00 – 16:30      Opening Ceremonies & Introduction in Salon C:

- Welcome – Opening Remarks (Steve Edelman)
- Safety Review – Building escape routes (Dana Page)
- Introductions of Board Members (Steve Edelman)
- Introductions of “First Time” Representatives (Dana Page)
- Introduction of Association Members
- Establish Meeting Expectations (Steve Edelman)
- Bench Mark question solicitation (Harry Miller)
- High Interest Topic Sheets/Program (Shari Mosty)
- Steering Board Directors Report (Crystal Couey)
- Treasury Report (Stephen Lisi)

16:45 – 17:00      Steering Committee Meeting

17:00 – 18:30      Opening Reception & Vendor Displays in Salon A & B

**Wednesday, Jan 21**



- |               |   |
|---------------|---|
| 07:00 – 08:00 | Breakfast with Vendors in Salon A & B   |
| 08:00 – 08:15 | Meeting Overview (Steve Edelman)<br>ALARA Association Group Picture   |
| 08:15 – 09:30 | Breakout Session by Plant Type (Document Successes & Challenges and a Golden Nugget) <ul style="list-style-type: none"><li>• 2 Loop Westinghouse</li><li>• 3 Loop Westinghouse</li><li>• 4 Loop Westinghouse</li><li>• 4 Loop ICE</li><li>• B &amp; W, CE and Decommissioning Units</li></ul> |
| 09:30 – 10:00 | <b>Break / Vendor Interface (Report to Break out Rooms after break)</b>   |
| 10:00 – 11:30 | Breakout Session by Plant Type (Document Successes & Challenges and a Golden Nugget) <ul style="list-style-type: none"><li>• 2 Loop Westinghouse</li><li>• 3 Loop Westinghouse</li><li>• 4 Loop Westinghouse</li><li>• 4 Loop ICE</li><li>• B &amp; W, CE and Decommissioning Units</li></ul> |

11:30 - 11:40	<b>10 Minute Break (Report to Salon C after break)</b>
11:40 – 12:30	Vendor Presentations
12:30 – 13:30	Lunch
13:30 – 14:30	NATC CZT / H3D User Group Measurements at US PWRs and Results in 2014: A New ALARA Tool for Temporary Shielding Effectiveness Verification (David Miller)
14:30 – 14:40	<b>10 Minute Break</b>
14:40 – 15:30	Vendor Presentations (Remaining vendors)
15:30 – 15:35	End of Day Comments / Adjourn Day 2
15:45 – 16:15	Steering Committee Meeting
16:30 – 18:00	Vendor Reception





**Thursday, Jan 22**



- |               |  |
|---------------|--|
| 08:00 – 09:00 | Breakfast with Vendors in Salon A & B  |
| 09:00 – 10:00 | Breakout Session Review (Successes, Challenges and Golden Nuggets) <ul style="list-style-type: none"><li>• B &amp; W, CE and Decommissioning Units</li></ul>           |
| 10:00 – 10:30 | <b>Break / Vendor Interface</b>  |
| 10:30 – 12:00 | Breakout Session Review (Successes, Challenges and Golden Nuggets) <ul style="list-style-type: none"><li>• 2 Loop Westinghouse</li><li>• 3 Loop Westinghouse</li></ul> |
| 11:30 – 12:45 | <b>Lunch / Passport Drawing</b>  |
| 12:45 – 13:45 | Breakout Session Review (Successes, Challenges and Golden Nuggets) <ul style="list-style-type: none"><li>• 4 Loop Westinghouse</li><li>• 4 Loop ICE</li></ul>          |

13:45 – 15:00

Round Table Discussions  
N-16 measurements at US PWRs and BWRs

15:00 – 15:15

Closing Remarks and Update on the 2015 Meetings (Seattle, Washington; June 22-24, 2015)



15:30 – 16:30

Steering Committee Meeting

- Opening Remarks
- Review Meeting Critique Sheets
- New Business





**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



**PWR RP/ALARA**  
ASSOCIATION

## Key West, FL

**January 20-22, 2015**

## MEETING NOTES

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]





**PWR RP/ALARA**  
ASSOCIATION

## Key West, FL

**January 20-22, 2015**

## MEETING NOTES

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



**PWR RP/ALARA**  
ASSOCIATION

## Key West, FL

**January 20-22, 2015**

## MEETING NOTES

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



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**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]



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**January 20-22, 2015**  
**MEETING NOTES**

[illegible]





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**MEETING NOTES**

[illegible]



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**MEETING NOTES**

[illegible]



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**MEETING NOTES**

[illegible]



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**MEETING NOTES**

[illegible]



**Key West, FL**  
**January 20-22, 2015**  
**MEETING NOTES**

[illegible]

**PWR RP/ALARA Committee Meeting  
January 20-22, 2015  
Key West, FL  
Attendee List by Plant**

**Beaver Valley Power Station**

**Jeffrey Fontaine  
First Energy  
PO Box 4  
Shippingport, PA, 15077  
724-462-3423  
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**Braidwood**

**Harry Miller  
Exelon  
35100 South Route 53, Suite 84  
Braceville, IL 60416  
815-417-2713  
harryl.miller@exeloncorp.com**

**Byron**

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Exelon  
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Byron, IL 61010  
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1650 Calvert Cliffs Parkway  
Lusby, MD 20657  
410-495-2681  
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**Roy Lopez  
Exelon  
1650 Calvert Cliffs Parkway  
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**Dana Page  
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803-701-3596  
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**Comanche Peak**

**Shari Mosty  
Luminant Power  
PO Box 1002 MC005A  
Glen Rose, TX 76043  
254-897-5204  
shari.mosty@luminant.com**

**Corporate**

**James Carswell  
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**Corporate**

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330-612-0002  
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Oak Harbor, OH 43449  
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**Ocone**

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Seneca, SC 29672  
864-873-3212  
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Covert, MI 49043  
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**Ginna**

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**Palo Verde**

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**Palo Verde**

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**McGuire**

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**Robinson**

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843-857-1496  
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Seabrook, NH 01913  
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**PWR RP/ALARA Committee Meeting  
January 20-22, 2015  
Key West, FL  
Attendee Professional Association**

**AREVA**

**Barry Trachim**

**AREVA**

**155 Mill Ridge Road**

**Lynchburg, VA 24502**

**434-832-2536**

**barry.trachim@areva.com**



**PWR RP/ALARA Committee Meeting  
January 20-22, 2015  
Key West, FL  
Vendor List by Company**

**ACT / Silflex Shielding**

Richard Culbertson  
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Escondido, CA 92029  
619-913-6205  
adrian@silflexshielding.com

**Diakont**

Keith Reeser  
Daviel Stankovich  
3853 Calle Fortunada  
San Diego, CA 92123  
858-551-5551  
ahuber@diakont.us.com

**BHI Energy | Power Services**

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508-591-1149  
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bhienergy.com

**Eastern Technologies/OREX**

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Benji McWaters  
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bmcwaters@orex.com

**Bladewerx**

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Don Hanna  
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**Eichrom Technologies/NPO**

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tpattison@canberra.com

**Fluke Biomedical**

Mark Marlowe  
Mike Thompson  
86 South St., Ste A  
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508-435-5600 ext 520  
Monica.whitehead@raysafe.com

**Day & Zimmerman**

Larry Booker  
John Ellison  
Luther Jones  
David Wilkins  
5800 E. Skelly Drive  
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David.wilkins@dayzim.com

**Frham Safety Products**

Bobby Harper  
Robbie Millen  
171 Grayson Road  
Rock Hill, SC 29732  
803-366-5131  
trip@frhamsafety.com

**Innovative Industrial Solutions**

James Hicks  
Jim Menge  
Shane Robinson  
2830 Skyline Drive  
Russellville, AR 72802  
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shane.robinson@i-i-s.net

**ISEC Industrial Security AB**

Nikias Barringer  
Anthony Spadaro  
Sporthallsvagen 2B  
Hoganas Sweden  
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**Lancs Industries**

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Kirkland, WA 98034  
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**Ludlum Measurements**

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Mike Sheperd  
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**Master-Lee Decon Services**

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Steve Senitta  
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**Mirion Technologies**

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**Newport News Industrial**

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Newport News, VA 23606  
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Tiffany.m.boyle@hii-nns.com

**RPS (Radiation Protection Systems)**

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Groton, CT 06340  
860-445-0334  
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**Reef Industries**

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nu-energytechnologies.com

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bbuckley@swtechnologies.com

**Sciencetech/Curtiss-Wright**

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**UniTech Services Group**

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610-857-2655  
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**Vocera**

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jharrison@vocera.com





Presentation  
Information  
to  
come



D<sub>OSE</sub> O<sub>W</sub>NERSHIP S<sub>ITE</sub> E<sub>X</sub>CELLENCE

# CRE WEEKLY

Issue 1

## Announcing 2015 Unit 1 Online CRE Goals



### What is 'CRE'

'CRE' stands for Collective Radiation Exposure.

CRE at TMI is the sum of the individual dose received by everyone working at the site .

### Why do we measure and manage CRE ?

We measure and manage CRE to keep personal exposure As Low As Reasonably Achievable (ALARA). Keeping exposure ALARA minimizes the health risk to our workers.

Also, our goal is to be recognized as the top performing nuclear station in the country. One of the measures used to gauge performance is CRE. Improving CRE performance is a focus area at the station, because we want to be recognized as a leader in all areas. We have become an industry leader in industrial and nuclear safety due to a strong commitment from everyone at TMI. We can make progress towards our CRE goals with that same commitment

Still unsure about CRE or what you can do to help? Just ask your department Dose Zealot or any of the ALARA Specialists.

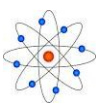
2015 U1 Dose Stats as of 01/11/15	mRem
Actual Exposure	164
January SAC Goal	870

2015 U1 Online PCE Goal	5
Actual To Date	0

*Have an Idea To Lower CRE?*

*Please Share It With Us*

*Submit an  
ALARA Suggestion IR  
Today*



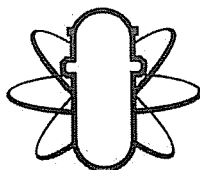
### 2015 Unit 1 Online CRE Goals

*≤ 6.839 Rem Dose Goal*

*≤ 5 Personnel Contamination Events*



**PWR  
Radiation Protection**



**ALARA  
Association**

**Plant Status Report Questionnaire – (Circle one) *Winter* – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

**2010 MEMBERSHIP**

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Areva  
Westinghouse

**Station:** Beaver Valley

**Utility:** First Energy

	NSSS	MWe	Cycle #	Core duty (H/L)
1	W	993	23	H
2	W	979	18	H

**Unit 1** **Exposure (Rem)**

Power Ops:	1.427	YTD		
Forced Outage:		Reason:		
Refuel Outage:		EST.	Duration:	EST.
		ACT.		ACT.
Lead Installed:		Lbs.	PCEs:	

**Unit 2** **Exposure (Rem)**

Power Ops:	1.091	YTD		
Forced Outage:		Reason:		
Refuel Outage:	60.774	EST.	Duration:	EST.
		ACT.		ACT.
Lead Installed:	38,000	Lbs.	PCEs:	

**Unit 3** **Exposure (Rem)**

Power Ops:		YTD		
Forced Outage:		Reason:		
Refuel Outage:		EST.	Duration:	EST.
		ACT.		ACT.
Lead Installed:		Lbs.	PCEs:	

Yes No      Yes No      Yes No  
Zinc Add: ☒ ☐      Ultrasonic Fuel Clean: ☐ ☐      Reduced Inven. Shutdown Chem: ☒ ☐

Specialty Resin: Macroporous ☐ PRC-01 ☐ Other:  Use On-Line? ☐ Yes ☐ No

Constant modified pH: Yes      If yes, range: 6.9 - 7.15 7.1

Perm Scaffolding: Yes      If yes, locations: Primary Degassifier Tanks at both units

Perm Shielding: No      If yes, locations:

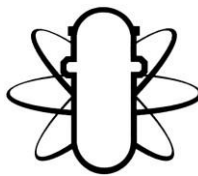
PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level I	Level II	Level III	Total
On-Line	2			
Unit 1 Outage				
Unit 2 Outage	15	2		
Unit 3 Outage				
All PCEs	19			

**Prepared By:** Jeff Fontaine

**Date:** 1 / 16 / 15

This information will be placed in the Committee Meeting Book and made available to all of the PWR RP/ALARA ASSOCIATION members.

# PWR Radiation Protection



# ALARA Association

## Plant Status Report Questionnaire – (Circle one) **Winter**/Summer – Year [2015]

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

### 2010 MEMBERSHIP

Arkansas Nuc One  
Beaver Valley  
Braidwood  
**Byron**  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Avea  
Westinghouse

Station: **Byron**

Utility: **Exelon**

	NSSS	MWe	Cycle #	Core duty (H/L)
1	West	1270	19	H
2	West	1240	18	H

Unit 1	Exposure (Rem)				
Power Ops:	3.683	YTD			
Forced Outage:	0	Reason:			
Refuel Outage:	29.000	EST.	Duration:	18	EST.
	22.106	ACT.		18	ACT.
Lead Installed:	47,704	Lbs.	PCEs:	3	

Unit 2	Exposure (Rem)				
Power Ops:	3.346	YTD			
Forced Outage:	0	Reason:			
Refuel Outage:	64.732	EST.	Duration:	25	EST.
	52.605	ACT.		25	ACT.
Lead Installed:	71,390	Lbs.	PCEs:	1	

Unit 3	Exposure (Rem)				
Power Ops:		YTD			
Forced Outage:		Reason:			
Refuel Outage:		EST.	Duration:		EST.
		ACT.			ACT.
Lead Installed:		Lbs.	PCEs:		

Zinc Add: ☒ Yes ☐ No      Ultrasonic Fuel Clean: ☐ Yes ☒ No      Reduced Inven. Shutdown Chem: ☐ Yes ☒ No

Specialty Resin: Macro porous ☐ PRC-01 ☐ Other:  Use On-Line? ☐ Yes ☒ No  
 Constant modified pH: **Yes** No      If yes, range: 6.9 - 7.15  
 Perm Scaffolding: **Yes** No      If yes, locations: 377, 401 IMB/OMB  
 Perm Shielding: **Yes** No      If yes, locations: Auxiliary building CV lines

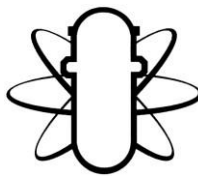
PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level I	Level II	Level III	Total
On-Line	0			
Unit 1 Outage	3			
Unit 2 Outage	1			
Unit 3 Outage				
All PCEs				

Prepared By: **Frank Paslaski**

Date: **1 - 13 - 15**

This information will be placed in the Committee Meeting Book and made available to all of the PWR RP/ALARA ASSOCIATION members.

**PWR  
Radiation Protection**



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Association**

**Plant Status Report Questionnaire – (Circle one) Winter/ – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

2010 MEMBERSHIP

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Areva  
Westinghouse

**Station:** Comanche Peak

**Utility:** Luminant

	NSSS	MWe	Cycle #	Core duty (H/L)
	WEC	1273	17	H
	WEC	1270	14	H

Unit 1	Exposure (Rem)				
Power Ops:	3.38	YTD			
Forced Outage:		Reason:			
Refuel Outage:	45.6	EST.	Duration:	24 Days	EST.
		ACT.		53 Days	ACT.
Lead Installed:	7000	Lbs.	PCEs:	23	

Unit 2	Exposure (Rem)				
Power Ops:	3.38	YTD			
Forced Outage:		Reason:			
Refuel Outage:	92.46	EST.	Duration:	25 Days	EST.
		ACT.		29 Days	ACT.
Lead Installed:	5500	Lbs.	PCEs:	26	

Unit 3	Exposure (Rem)				
Power Ops:		YTD			
Forced Outage:		Reason:			
Refuel Outage:		EST.	Duration:		EST.
		ACT.			ACT.
Lead Installed:		Lbs.	PCEs:		

**Zinc Add:** ☐ No ☐ **Ultrasonic Fuel Clean:** ☐ No ☐ **Reduced Inven. Shutdown Chem:** ☐ Yes ☐

**Specialty Resin:** **Macroporous** ☐ **PRC-01** ☐ **Other:**  **Use On-Line?** ☐ Yes ☐ No  
**Constant modified pH:** Yes x No **If yes, range:** 7.4  
**Perm Scaffolding:** Yes x No **If yes, locations:** RB/SG  
**Perm Shielding:** Yes x No **If yes, locations:** RB SG AB

PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level I	Level II	Level III	Total
On-Line	13			13
Unit 1 Outage	23			23
Unit 2 Outage	26			26
Unit 3 Outage				
All PCEs				62

**Prepared By:** Shari Mosty

**Date:** 1 / 13 / 2015

This information will be placed in the Committee Meeting Book and made available to all of the PWR RP/ALARA ASSOCIATION members.



# PWR ALARA/Radiation Protection Association

## Plant Status Report Questionnaire

Station: Calvert Cliffs

Utility: Exelon Generation

Unit	NSSS	Mwe	Cycle	Core Duty
U1			22	
U2			21	
U3		N/A	N/A	N/A

Unit 1	Exposure	Rem	
	Power Operations	2.735	YTD
	Forced Outages	0.19	Reason: Investigate & isolate RCS leak
	Refuel Outages	55.465	Estimate Duration 26 days
			Estimate Actuals 31 days
	Lead Installed	Yes	Lbs. 3,520

Unit 2	Exposure	Rem	
	Power Operations	2.735	YTD
	Forced Outages	0.063	Reason: Repair a valve in CTMT
	Refuel Outages	N/A	Estimate Duration N/A
			Estimate Actuals N/A
	Lead Installed	N/A	Lbs.

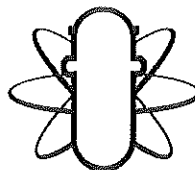
Unit 3	Exposure	Rem	
	Power Operations	N/A	YTD
	Forced Outages	N/A	Reason: N/A
	Refuel Outages	N/A	Estimate Duration N/A
			Estimate Actuals N/A
	Lead Installed	N/A	Lbs. N/A

Zinc Injection	Yes				
Ultrasonic Fule Cleaning	No				
Reduced Inventory Shutdown	Yes				
Specialty Resin	No	PRC	No	Other	No
Constant modified pH:	Yes	If yes, range			
Perm Scaffolding:	Yes	If yes locations:			TB/AB/some in CTMT
Perm. Shielding:	Yes	If yes locations:			TB/AB/some in CTMT

	Level I		Level II		Level III		Total	
	Online	Outage	Online	Outage	Online	Outage	Online	Outage
Unit 1	3	6	0	0	0	0	3	6
Unit 2	included	N/A	0	0	0	0	included	N/A
Unit 3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Prepared By: Crystal Couey Date: 1/14/2015

**PWR  
Radiation Protection**



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Association**

**Plant Status Report Questionnaire - Winter 2015**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

**2010 MEMBERSHIP**

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Areva  
Westinghouse

**Station:** Davis-Besse

**Utility:** First Energy

	NSSS	MWe	Cycle #	Core duty (H/L)
	B&W/GE	963	19	H

Unit 1	Exposure (Rem)			
Power Ops:	1.327			
Forced Outage:	None	Reason:	N/A	
Refuel Outage:	EST. 203 Rem	SGRP/18R	Duration:	EST. 76 days
	ACT. 199.5 Rem			ACT. 96.5 days
Lead Installed:	218,726	Lbs.	PCEs:	28

Zinc Add: ☒ Yes ☐ No      Ultrasonic Fuel Clean: 16R ☒ Yes ☐ No      Reduced Inven. Shutdown Chem: ☐ Yes ☒ No

Specialty Resin: Macroporous ☐ PRC-01 ☒ Other:  Use On-Line? ☒ Yes ☐ No

Constant modified pH: Yes      If yes, range: 7.2  
Perm Scaffolding: Yes      If yes, locations: Inside Containment  
Perm Shielding: Yes      If yes, locations: MPR 1 & 2

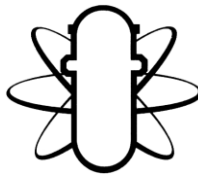
**Prepared By: Marc Sidoti**

**Date: 1 / 14 / 15**

This information will be placed in the Committee Meeting Book and made available to all of the PWR RP/ALARA ASSOCIATION members.

PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level I	Level II	Level III	Total
On-Line	0	0	0	0
Unit 1 Outage	26	2	0	28

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Radiation Protection**



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**Plant Status Report Questionnaire – (Circle one) Winter/Summer – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

2015 MEMBERSHIP

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook

**Diablo Canyon**

EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Areva  
Westinghouse

**Station:** Diablo Canyon

**Utility:** Pacific Gas & Elec.

	NSSS	MWe	Cycle #	Core duty (H/L)
U1	W	1182	19	L
U2	W	1178	19	L
U3				

Unit 1	Exposure (rem)				
Power Ops:	3.713	YTD			
Forced Outage:	1.002	Reason:	RCP seal		
Refuel Outage:	30.912	Est.	Duration:	33d	Est.
	35.627	Act.		32d 23h	Act.
Lead Installed:	56,000	Lbs.	PCEs:	13	

Unit 2	Exposure (rem)				
Power Ops:	2.721	YTD			
Forced Outage:	0.155	Reason:			
Refuel Outage:	30.370	Est.	Duration:	33d	Est.
	33.246	Act.		32d 10h	Act.
Lead Installed:	88,000	Lbs.	PCEs:	15	

Unit 3	Exposure (rem)				
Power Ops:		YTD			
Forced Outage:		Reason:			
Refuel Outage:		Est.	Duration:		Est.
		Act.			Act.
Lead Installed:		Lbs.	PCEs:		

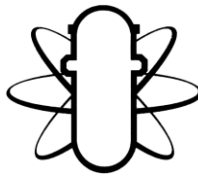
Yes No      Yes No      Yes No  
 Zinc Add: ☒ ☐      Ultrasonic Fuel Clean: ☐ ☒      Reduced Inven. Shutdown Chem: ☐ ☒  
 Specialty Resin: ☐ Macroporous ☐ PRC-01 ☐ Other: DOW IRN-78      Use On-Line? ☒ Yes ☐ No  
 Constant modified pH: ☒ Yes ☐ No If yes, range: 7.2  
 Perm Scaffolding: ☐ Yes ☒ No If yes, locations: \_\_\_\_\_  
 Perm Shielding: ☒ Yes ☐ No If yes, locations: RHR, RCDT

PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level 1	Level II	Level III	Total
On-Line	7			7
Unit 1 Outage	13			13
Unit 2 Outage	15			15
Unit 3 Outage	-			
All PCEs	35			35

**Prepared By: Rick Rogers      Date: 1/15/15**

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**PWR  
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Association**

**Plant Status Report Questionnaire – (Circle one) Winter/Summer – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

2010 MEMBERSHIP

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Avea  
Westinghouse

**Station:** McGuire

**Utility:** Duke Energy

	NSSS	MWe	Cycle #	Core duty (H/L)
U1	West.	120	21	H
U2	West.	120	20	H
U3				

Unit 1	Exposure (rem)	
Power Ops:	6.791	YTD
Forced Outage:	0	Reason:
Refuel Outage:	71.589	Est. Duration: 41 Est.
	82.150	Act. 61.2 Act.
Lead Installed:	61,995	Lbs. PCEs: 16

Unit 2	Exposure (rem)	
Power Ops:	5.923	YTD
Forced Outage:	0	Reason:
Refuel Outage:	51.6	Est. Duration: 27 Est.
	47.946	Act. 33.51 Act.
Lead Installed:	60.355	Lbs. PCEs: 29

Unit 3	Exposure (rem)	
Power Ops:		YTD
Forced Outage:		Reason:
Refuel Outage:		Est. Duration: Est.
		Act. Act.
Lead Installed:		Lbs. PCEs:

Yes No      Yes No      Yes No  
 Zinc Add: ☒ ☐      Ultrasonic Fuel Clean: ☒ ☐      Reduced Inven. Shutdown Chem: ☐ ☒  
 Specialty Resin: ☒ Macroporous ☐ PRC-01 ☐ Other:  Use On-Line? ☒ Yes ☐ No  
 Constant modified pH: ☒ Yes ☐ No If yes, range: 6.9 - 7.15  
 Perm Scaffolding: ☒ Yes ☐ No If yes, locations: Scaffold stored in Incore Sump Room  
 Perm Shielding: ☐ Yes ☒ No If yes, locations:

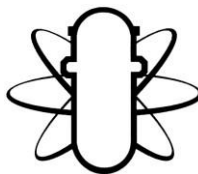
PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level 1	Level II	Level III	Total
On-Line	8			8
Unit 1 Outage	25	4		29
Unit 2 Outage	13	3		16
Unit 3 Outage				
All PCEs				53

**Prepared By:** Stephen Lisi

**Date:** 1/11/15

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Radiation Protection**



**ALARA  
Association**

**Plant Status Report Questionnaire – (Circle one) Winter/Summer – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

**2010 MEMBERSHIP**

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
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Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Areva  
Westinghouse

**Station:** Oconee

**Utility:** Duke Energy

	NSSS	MWe	Cycle #	Core duty (H/L)
U-1	B&W	880	28	N
U-2	B&W	880	26	N
U-3	B&W	880	27	N

Unit 1	Exposure (Rem)				
Power Ops:	8.005	YTD			
Forced Outage:	0	Reason:			
Refuel Outage:	52	EST.	Duration:	35	EST.
	35	ACT.		34	ACT.
Lead Installed:	16440	Lbs.	PCEs:	7	

Unit 2	Exposure (Rem)				
Power Ops:	7.136	YTD			
Forced Outage:		Reason:			
Refuel Outage:		EST.	Duration:		EST.
		ACT.			ACT.
Lead Installed:	N/A	Lbs.	PCEs:	0	

Unit 3	Exposure (Rem)				
Power Ops:	8.753	YTD			
Forced Outage:	0	Reason:			
Refuel Outage:	65.5	EST.	Duration:	32	EST.
	51.2	ACT.		29	ACT.
Lead Installed:	14280	Lbs.	PCEs:	6	

Yes No      Yes No      Yes No  
**Zinc Add:** ☐ ☒    **Ultrasonic Fuel Clean:** ☒ ☐    **Reduced Inven. Shutdown Chem:** ☒ ☐

**Specialty Resin:** Macro porous ☒ PRC-01 ☐ Other ☐ [Click here to enter text.](#) Use On-Line? Yes ☐ No ☐

**Constant modified pH:** Yes ☒ No ☐ If yes, range: 6.9 - 7.15

**Perm Scaffolding:** Yes ☒ No ☐ If yes, locations: Scaffold stored in Incore Sump Room

**Perm Shielding:** Yes ☒ No ☐ If yes, locations: Seal supply filter housings

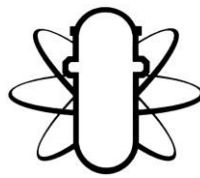
PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level I	Level II	Level III	Total
On-Line	16	1	1	18
Unit 1 Outage	5	1	1	7
Unit 2 Outage	0	0	0	0
Unit 3 Outage	5	1	0	6
All PCEs	26	3	2	31

**Prepared By: Phillip Kelley**

**Date: 1 / 14 / 15**

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**PWR  
Radiation Protection**



**ALARA  
Association**

**Plant Status Report Questionnaire – (Circle one) Winter/Summer – Year 2014**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

2010 MEMBERSHIP

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
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McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
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Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Areva  
Westinghouse

**Station:** Palisades

**Utility:** Entergy

	NSSS	MWe	Cycle #	Core duty (H/L)
1	CE	853	24	

Unit 1	Exposure (Rem)			
Power Ops:	7.183	YTD		
Forced Outage:	4.176	Reason:	Primary Coolant Pump Seal Changeout	
Refuel Outage:	216.000	EST.	Duration:	EST. 38d 13h
	359.440	ACT.		ACT. 55 d 19 h 44 m
Lead Installed:	100,000	Lbs.	PCEs:	118

Unit 2	Exposure (Rem)			
Power Ops:		YTD		
Forced Outage:		Reason:		
Refuel Outage:		EST.	Duration:	EST.
		ACT.		ACT.
Lead Installed:		Lbs.	PCEs:	

Unit 3	Exposure (Rem)			
Power Ops:		YTD		
Forced Outage:		Reason:		
Refuel Outage:		EST.	Duration:	EST.
		ACT.		ACT.
Lead Installed:		Lbs.	PCEs:	

**Zinc Add:** Yes ☒ No ☐ **Ultrasonic Fuel Clean:** Yes ☐ No ☐ **Reduced Inven. Shutdown Chem:** Yes ☐ No ☐

**Specialty Resin:** Macroporous ☐ PRC-01 ☐ Other:  **Use On-Line?** Yes ☐ No ☐  
**Constant modified pH:** No **If yes, range:** 6.9 - 7.15  
**Perm Scaffolding:** No **If yes, locations:** Scaffold stored in Incore Sump Room  
**Perm Shielding:** Yes **If yes, locations:** Aux Bldg & CTMT

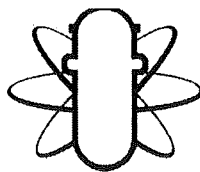
PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level I	Level II	Level III	Total
On-Line				
Unit 1 Outage				
Unit 2 Outage				
Unit 3 Outage				
All PCEs				

**Prepared By:** Jeff Smith

**Date:** 1 / 16 / 15

This information will be placed in the Committee Meeting Book and made available to all of the PWR RP/ALARA ASSOCIATION members.

**PWR  
Radiation Protection**



**ALARA  
Association**

**Plant Status Report Questionnaire – (Circle one) Winter/Summer – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

**2010 MEMBERSHIP**

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
Seabrook  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Areva  
Westinghouse

**Station:** Prairie Island

**Utility:** Xcel Energy

	NSSS	MWe	Cycle #	Core duty (H/L)
1		522	29	
2		522	28	

**Unit 1**      **Exposure (Rem)**

Power Ops:	3.597	YTD		
Forced Outage:	8.228	Reason:	Replace Flow Serve Seal for 12 RCP	
Refuel Outage:	60.000	EST.	Duration:	30 Days EST.
	64.624	ACT.		44 Days ACT.
Lead Installed:	25,032	Lbs.	PCEs:	13

**Unit 2**      **Exposure (Rem)**

Power Ops:	4.934	YTD		
Forced Outage:	0.497	Reason:	Trouble shoot leaking Flowserve for 21 RCP Seal	
Refuel Outage:	N/A	EST.	Duration:	N/A EST.
		ACT.		N/A ACT.
Lead Installed:	N/A	Lbs.	PCEs:	0

**Unit 3**      **Exposure (Rem)**

Power Ops:	N/A	YTD		
Forced Outage:	N/A	Reason:	N/A	
Refuel Outage:	N/A	EST.	Duration:	N/A EST.
	N/A	ACT.		N/A ACT.
Lead Installed:	N/A	Lbs.	PCEs:	N/A

**Zinc Add:** Yes ☐ No ☒      **Ultrasonic Fuel Clean:** Yes ☐ No ☒      **Reduced Inven. Shutdown Chem:** Yes ☐ No ☐

**Specialty Resin:** Macroporous ☐ PRC-01 ☒ Other:       **Use On-Line?** Yes ☐ No ☐

**Constant modified pH:** Yes ☒ No ☐      **If yes, range:** 6.9 - 7.15

**Perm Scaffolding:** Yes ☐ No ☒      **If yes, locations:** Scaffold stored in Incore Sump Room

**Perm Shielding:** Yes ☐ No ☒      **If yes, locations:**

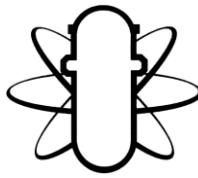
PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level I	Level II	Level III	Total
On-Line	0	0	0	0
Unit 1 Outage	13	0	0	13
Unit 2 Outage	0	0	0	0
Unit 3 Outage	N/A	N/A	N/A	N/A
All PCEs	13	0	0	13

**Prepared By:** Douglas A. Warden

**Date:** 1/14/15

This information will be placed in the Committee Meeting Book and made available to all of the PWR RP/ALARA ASSOCIATION members.

**PWR  
Radiation Protection**



**ALARA  
Association**

**Plant Status Report Questionnaire – (Circle one) Winter/Summer – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

2015 MEMBERSHIP

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
**Seabrook**  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Avea  
Westinghouse

**Station:** Seabrook

**Utility:** NextEra Energy

	NSSS	MWe	Cycle #	Core duty (H/L)
U1	W	1247	17	H
U2				
U3				

Unit 1	Exposure (rem)				
Power Ops:	2.445	YTD			
Forced Outage:	0.000	Reason:			
Refuel Outage:	44.211	Est.	Duration:	22	Est.
	46.656	Act.		23.5	Act.
Lead Installed:	60,000	Lbs.	PCEs:	23	

Unit 2	Exposure (rem)				
Power Ops:		YTD			
Forced Outage:		Reason:			
Refuel Outage:		Est.	Duration:		Est.
		Act.			Act.
Lead Installed:		Lbs.	PCEs:		

Unit 3	Exposure (rem)				
Power Ops:		YTD			
Forced Outage:		Reason:			
Refuel Outage:		Est.	Duration:		Est.
		Act.			Act.
Lead Installed:		Lbs.	PCEs:		

Yes No      Yes No      Yes No      Yes No  
 Zinc Add: ☐ ☒      Ultrasonic Fuel Clean: ☒ ☐      Reduced Inven. Shutdown Chem: ☐ ☒  
 Specialty Resin: ☒ Macroporous ☐ PRC-01 ☐ Other:  Use On-Line? ☒ Yes ☐ No  
 Constant modified pH: ☒ Yes ☐ No If yes, range: 7.2  
 Perm Scaffolding: ☐ Yes ☒ No If yes, locations:   
 Perm Shielding: ☐ Yes ☒ No If yes, locations:

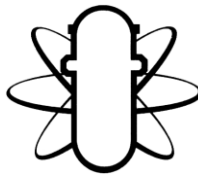
PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level 1	Level II	Level III	Total
On-Line	2			
Unit 1 Outage	23			
Unit 2 Outage				
Unit 3 Outage				
All PCEs	25			

**Prepared By: Kinsey Boehl      Date: 1/13/15**

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**PWR  
Radiation Protection**



**ALARA  
Association**

**Plant Status Report Questionnaire – (Circle one) Winter/Summer – Year [2015]**

(WINTER MEETING – PROVIDE PREVIOUS YEAR'S DOSE DATA; SUMMER MEETING – YTD DATA)

2015 MEMBERSHIP

Arkansas Nuc One  
Beaver Valley  
Braidwood  
Byron  
Callaway  
Calvert Cliffs  
Catawba  
Comanche Peak  
Crystal River  
Davis Besse  
DC Cook  
Diablo Canyon  
EDF (France)  
Farley  
Fort Calhoun  
Ginna  
Harris  
Indian Point  
Kewaunee  
McGuire  
Millstone  
North Anna  
Oconee  
Palisades  
Palo Verde  
Point Beach  
Prairie Island  
Ringhalls (Sweden)  
Robinson  
Saint Lucie  
Salem  
San Onofre  
**Seabrook**  
Sequoyah  
Sizewell B (UK)  
South Texas Proj  
Surry  
Three Mile Island  
Turkey Point  
VC Summer  
Vogtle  
Waterford  
Watts Bar  
Wolf Creek  
Aрева  
Westinghouse

**Station:** Three Mile island

**Utility:** Exelon

	NSSS	MWe	Cycle #	Core duty (H/L)
U1	B&W	852	20	L
U2				
U3				

Unit 1	Exposure (rem)	
Power Ops:	13.422	YTD
Forced Outage:	na	Reason:
Refuel Outage:	na	Est. Duration: na Est.
		Act. Act.
Lead Installed:	na	Lbs. PCEs: na

Unit 2	Exposure (rem)	
Power Ops:	na	YTD
Forced Outage:	na	Reason:
Refuel Outage:	na	Est. Duration: na Est.
		Act. Act.
Lead Installed:	na	Lbs. PCEs: na

Unit 3	Exposure (rem)	
Power Ops:	na	YTD
Forced Outage:	na	Reason:
Refuel Outage:	na	Est. Duration: na Est.
		Act. Act.
Lead Installed:	na	Lbs. PCEs: na

Yes No      Yes No      Yes No  
 Zinc Add: ☒ ☐      Ultrasonic Fuel Clean: ☐ ☒      Reduced Inven. Shutdown Chem: ☐ ☒  
 Specialty Resin: ☐ Macroporous ☒ PRC-01 ☐ Other:  Use On-Line? ☒ Yes ☐ No  
 Constant modified pH: ☒ Yes ☐ No If yes, range: 7.2 – 7.4  
 Perm Scaffolding: ☐ Yes ☒ No If yes, locations:   
 Perm Shielding: ☐ Yes ☒ No If yes, locations:

PCEs (Winter meeting – previous year's data; Summer meeting – YTD)				
	Level 1	Level II	Level III	Total
On-Line	5	0	0	5
Unit 1 Outage	5	0	0	5
Unit 2 Outage	na	0	0	na
Unit 3 Outage	na	0	0	na
All PCEs	5	0	0	5

**Prepared By: Steve Edelman Date: 1/13/15**

This information will be placed in the Committee Meeting Book and made available to all of the PWR RP/ALARA ASSOCIATION members.



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

Topic:			
Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
	Prairie Island 1,2	2LW	
	Ringhals 2,3,4	2LW 3LW	
	Beaver Valley 1,2	3LW	
	Farley 1,2	3LW	
	Harris	3LW	
	North Anna 1,2	3LW	
	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	
	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	NSSS	Comments
	Seabrook	4LW	
	Sequoyah 1,2	4LW	
	Sizewell B	4LW	
	South Texas 1,2	4LW	
	Vogtle 1,2	4LW	
	Watts Bar	4LW	
	Wolf Creek	4LW	
	Millstone 3,2	4LW, CE	
	Calvert Cliffs	CE	
	Ft. Calhoun	CE	
	Palisades	CE	
	Palo Verde 1,2,3	CE	
	San Onofre 2,3	CE	
	St.Lucie 1,2	CE	
	Waterford	CE	
	ANO 2,1	CE, B&W	
	Crystal River	B&W	
	Davis Besse	B&W	
	Oconee 1,2,3	B&W	
	TMI	B&W	
	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.



Winter 2015    Key West, FL    January 20-22, 2015

## MEETING CRITIQUE

### Optional

Name: \_\_\_\_\_

Utility: \_\_\_\_\_

The goal is to meet your expectations regarding this meeting. Please help us by providing your comments and suggestions regarding the following:

**Plant Status Report:** \_\_\_\_\_

\_\_\_\_\_

**Technical Content:** \_\_\_\_\_

\_\_\_\_\_

**Vendor Participation:** \_\_\_\_\_

\_\_\_\_\_

**Meeting Format (Breakout Session vs. Presentation, etc.):** \_\_\_\_\_

\_\_\_\_\_

**Facilities (Meeting Room, Hotel Facilities, Location, etc.):** \_\_\_\_\_

\_\_\_\_\_

**Please list any topics you would like to see the Board address in the future. Also include specific recommendations relative to the suggested presentation format, where possible (e.g. breakout session, technology presentation, survey, etc.):** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Please provide suggestions for Board activities or actions which would help justify your company's continued participation in the PWR/ALARA Association:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Other Comments:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Do you anticipate your plant being represented by you or another representative at the Summer 2015 Meeting in Seattle, WA? \_\_\_\_\_ If not, why?**

\_\_\_\_\_

\_\_\_\_\_

