

2014 Summer Meeting Providence, RI June 23-25, 2014



2014 Board of Directors

Chairman:

2013-2015 Term

Steve Edelman (717-948-8516) 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 - Catawba Nuclear Station

Secretary 2014-2016 Term

1 Position Open

Treasurer

2013-2015 Term

Steve Lisi (704-875-5124) stephen.lisi@duke-energy.com - McGuire Nuclear Station

Steering Committee "At Large" Members

2014-2016 Term

4 Positions Open



Providence, RI June 23-25, 2014

MEETING BOOK INDEX

<u>TAB</u>	<u>TOPIC</u>
1	Meeting Agenda & Note Pages
2	List of Registered Attendees by Plant Name
	List of Vendors by Company Name
3	Meeting Presentations
4	High Interest Topic and Questionnaire form
	Meeting Critique form

PWR RP/ALARA Association Meeting Agenda Providence, Rhode Island - June 2014

Sunday, June 22			
16:00 – 18:00	Steering Board Meeting & Appetizers		
Monday, June 23			
14:00 – 15:00	Meeting Registration – Symphony A&B Foyer		
15:00 – 16:00	 Opening Ceremonies & Introduction: 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 Board of Directors election overview Nominations –2 year positions on Steering Board Vote –2 year positions on Steering Board PWR By-Laws Revision "C" Approval 		
16:15 – 16:30	Steering Committee Meeting		
17:00 – 18:30	Opening Reception & Vendor Displays		
Tuesday, June 24			
07:00 - 08:00	Breakfast in Vendor Exhibit Hall		
08:00 - 08:30	 Meeting Overview (Steve Edelman) Establish Meeting Expectations Bench Mark question solicitation High Interest Topic Sheets/Program Steering Board Directors Report (Mark Roberts) Treasury Report (Stephen Lisi) ALARA Association Group Picture 		
08:30 - 09:20	Vendor Presentations		
09:20 - 09:30	10 Minute Break		

09:30 – 10:20	Breakout Session by Plant Type (Document Successes & Challenges and a Golden Nugget) • 2 Loop Westinghouse • 3 Loop Westinghouse • 4 Loop Westinghouse • 4 Loop ICE • B & W, CE and Decommissioning Units
10:20 - 10:50	Break / Vendor Interface
10:50 – 12:00	Breakout Sessions by Plant Type (Document Successes & Challenges and a Golden Nugget con't): • 2 Loop Westinghouse • 3 Loop Westinghouse • 4 Loop Westinghouse • 4 Loop ICE • B & W, CE and Decommissioning Units
12:00 – 13:00	Lunch
13:00 – 13:40	Breakout Session Review (Successes, Challenges and Golden Nuggets) • B & W, CE and Decommissioning Units
13:40 – 14:10	Break / Vendor Interface
14:10 – 14:50	DFS2 Seabrook Station Summer 2013 (Kinsey Boehl)
14:50 – 15:30	Vendor Presentations
15:30 – 15:35	End of Day Comments / Adjourn Day 2
15:45 – 16:15	Steering Committee Meeting
17:00 – 18:30	Vendor Reception

Wednesday, June 25

07:00 - 08:00	Breakfast in Vendor Exhibit Hall
08:00 – 09:10	Breakout Session Review (Successes, Challenges and Golden Nuggets) • 2 Loop Westinghouse • 3 Loop Westinghouse
09:10 - 09:30	Break / Vendor Interface
09:30 – 10:40	Breakout Session Review (Successes, Challenges and Golden Nuggets) • 4 Loop Westinghouse • 4 Loop ICE
10:40 - 10:50	10 Minute Break
10:50 – 11:50	US & European Source Term Measurement Results from the H3D Technology (David Miller)
11:50 – 13:15	Lunch / Passport Drawing
13:15 – 13:30	Steering Board Election results o Recognize new Steering Board Members
13:30 – 14:45	Round Table Discussions
14:45 – 15:00	Closing Remarks and Update on the 2015 Meetings (Key West, Florida; January 20-22, 2015 and Seattle, Washington; June 22-24, 2015)
15:15 – 16:30	 Steering Committee Meeting Opening Remarks Welcome New Members Review Meeting Critique Sheets New Business





PWR RP/ALARA Committee Meeting

June 23-25, 2014 Providence, RI Attendee List by Plant

ANO DC Cook Nuclear Plant

Dan Stoltz David Miller

Entergy AEP

1448 State Route 333One Cook PlaceRussellville, AR 72802Bridgman, MI 49106

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Braidwood Diablo Canyon

Harry Miller Rick Rogers Exelon PG&E

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Duke Energy Duke Energy

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603-773-7638

kinsey.boehl@fpl.com

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TVA

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TVA

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Vogtle

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Southern Nuclear

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Waynesboro, GA 30830

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acfields@southernco.com

PWR RP/ALARA Committee Meeting June 23-25, 2014 Providence, RI Vendor List by Company

ACT / Silflex Shielding

Richard Culbertson Adrian Stewart 1317 Simpson Way Escondio, CA 92029 619-913-6205 adrian@silflexshielding.com

BHI Energy | Bartlett Nuclear

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Dave Wood
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Plymouth, MA 02360
508-591-1149
lauren.buckman@
bhienergy.com

Canberra

Jeff Raimondi 800 Research Parkway Meriden, CT 06450 800-243-4422 tpattison@canberra.com

Day & Zimmerman

Luther Jones 5800 E. Skelly Drive Tulsa, OK 74135 918-949-6000 john.edwards@dayzim.com

Eastern Technologies/OREX

Doug Kay 215 2nd Avenue Ashford, AL 36312 334-798-1687 bmcwaters@orex.com

Eichrom Technologies/NPO

Mike Davis Andrew Dockweiller 1955 University Lane Lisle, IL 60532 630-963-0320

adockweiler@eichrom.com

Frham Safety Products

Brian Anderson John Arrowsmith Trip McGarity 171 Grayson Road Rock Hill, SC 29732 803-366-5131

trip@frhamsafety.com

Innovative Industrial Solutions

Shane Robinson Chris Whitford 2830 Skyline Drive Russellville, AR 72802 479-968-4266

shane.robinson@i-i-s.net

iRobot Corporation

Rainer Gasche Tom Phelps 8 Crosby Drive Bedford, MA 01730 781-430-3570 ilesser@irobot.com

ISEC Industrial Security AB

Anthony Spadaro Sporthallsvagen 2B Hoganas Sweden ansp@isec.se

Lancs Industries

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12704 NE 124th Street Kirkland, WA 98034

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rtherrien@lancsindustries.com

Master-Lee Decon Services

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Jason Stevenson

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hstout@radprosys.com

Rolls Royce

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tonia.smith@rolls-roycenuclear.com

Scientech/Curtiss-Wright

Ralph Aceves Tom Bernacki Cliff Evans

44 Shelter Rock Road Danbury, CT 06810 860-409-0513

tbernacki@curtisswright.com

Topy Industries Ltd

Mike Takahashi Shin Tsukui Tom Turner

660 Fargo Avenue

Elk Grove Village, IL 60007

847-471-1032

tturner@itaoffice.com

Uticom Systems

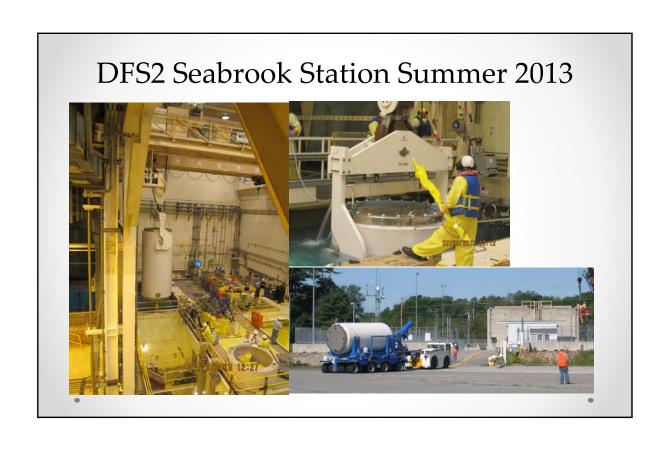
Bob Thompson Jackie Waller

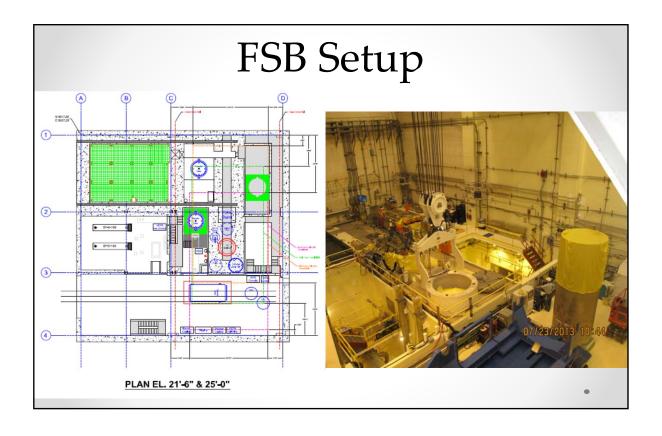
109 Independence Way Coatesville, PA 19320

610-857-2655 jackie@uticom.net

Vocera

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Heidi Isaias
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jcrisci@vocera.com





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Scope

- Cask Loading Activities, encompassing the loading of two hundred fifty six (256) spent fuel assemblies (specified by Juno Beach Fuels Group) into eight (8) NUHOMS® HD-32PTH dry cask storage systems at Seabrook (SBK).
- Loading shall be performed in accordance with CoC No. 1030, Amendment 1 and the NUHOMS® HD System Updated Final Safety Analysis Report (UFSAR), Revision 3 and SBK site-specific requirements. Fuel assemblies to be loaded will include 3 assemblies requiring damaged fuel caps. The above cask loading operations are scheduled to be completed no later than September 30, 2013.
- Complete 2 dry runs before fuel movement.





Normalizing Cask Dose Rates to Demonstrate

Relative Performance

Design Basis Data for 32PTH Type-1 Cask										
Decay Heat Average Outer Ring Value (kw)	MTU Average Outer Ring Value (kg Ur)	Burnup (x1000) Average Outer Ring Value	Enrichment wt-% Average Outer Ring Value							
1.3	476	60	4							
	Contact Dose Rate Side (mrem/hr)	Contact Dose Rate Top (mrem/hr)	Contact Dose Rate Bottom (mrem/hr)							
	384	8.1	475							
	1-Meter Dose Rate Side (mrem/hr)	1-Meter Dose Rate Top (mrem/hr)	1-Meter Dose Rate Bottom (mrem/hr)							
	165	3.5	53.1							

ID	Total Decay Heat	Decay Heat Average Outer Ring Value (kw)	MTU Average Outer Ring Value (kg U)	Burnup (x1000) Average Outer Ring Value	Enrichment wt-% Average Outer Ring Value
SBK-1-					
1	27.2	0.844	476.000	43.749	3.775
SBK-1-					
2	24.6	0.830	476.000	40.630	3.888
SBK-1-					
3	25.2	0.828	476.000	42.888	3.813
SBK-1-					
4	26.4	0.867	476.000	42.888	4.000
SBK-1-					
5	26.7	0.817	476.000	40.683	3.963
SBK-1-					
6	26.1	0.821	476.000	40.657	3.738
SBK-2-					
1	28.7	1.027	467.301	44.290	4.090
SBK-2-					
2	28.7	1.026	467.301	45.490	4.210
SBK-2-					
3	28.6	1.004	465.538	44.520	3.940
SBK-2-					
4	29.1	1.015	476.118	46.800	4.070
SBK-2-					
5	25.8	0.981	458.484	47.190	4.620
SBK-2-					
6	27.2	0.978	462.893	47.080	4.710
SBK-2-					
7	30.8	1.076	480.527	49.990	4.690
SBK-2-					
8	29.1	1.016	476.118	48.960	4.690

$$\begin{pmatrix} Outer \ Ring \ of \ Fuel \\ Average \ Burnup \\ Outer \ Ring \ of \ Fuel \\ Average \ Enrichment \end{pmatrix} + \begin{pmatrix} Design \ Basis \\ Burnup \\ Design \ Basis \\ Enrichment \end{pmatrix} \times \begin{pmatrix} Outer \ Ring \ of \ Fuel \\ Average \ MTU \\ Design \ Basis \\ MTU \end{pmatrix} \times \begin{pmatrix} Outer \ Ring \ of \ Fuel \\ Average \ Decay \ Heat \\ Design \ Basis \\ Decay \ Heat \end{pmatrix} \times \begin{pmatrix} Design \ Basis \\ Doserate \end{pmatrix} \simeq \begin{pmatrix} Normalized \\ Doserate \end{pmatrix}$$

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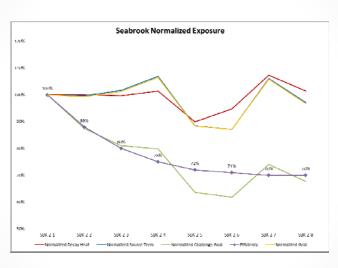


Figure 1: Normalized exposure goals and challenge goal. The challenge goal was determined by applying improved crew efficiency factors typical of historical performances.

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1.00 1.02 1.07 0.88 0.87 1.06

Improvements DFS1 to DFS2

Improved dose performance from DFS1 to DFS2 is specifically attributed to the following:

- Training and work proficiency of Transnuclear crew is the most significant contributor to dose performance.
 The crew has moved over 40 casks to ISFSIs as a crew. Job descriptions, assignments and work flows are
 well established. Crew members understand their work actives and are able to perform them correctly the
 first time. Job assignments do not change weekly. This enables crew to practice skills. Crews used Job Site
 Reviews prior to each significant evolution. This was helpful in communicating job assignments for contract
 and Seabrook personnel.
- The Transnuclear crew came to Seabrook with the expressed goal of lowest dose for the industry. Daily post job reviews and weekly critiques identify efficiency improvement areas. Each task is reviewed and team members are given the opportunity to discuss personnel, tooling, jobsite provisions required for each job step. Dose ownership among the crew is evident at these meetings. An example of crew engagement was demonstrated following the 6th loaded canister. A crew member approached ALARA to improve the electronic dosimetry tracking estimates by providing a Sentinel change station near the ISFSI. AR1903939.
- Seabrook completed two dry runs to familiarize Station and contract staff on the equipment and process.
 The tasks were not completed sequentially due to failure of the cask crane sheaves. Although the dry runs were not completed as desired, the station benefited from their performance. Performing dry run activities during future campaigns is desirable.
- House RP and RW technicians and supervisor have supported the project. Routine activities have been backfilled with contract personnel. Technician rotations were scheduled to provide continuity in the project by not introducing entirely new support crews weekly. Many backshift personnel covered the entirety of the project.

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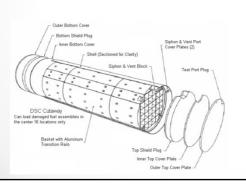
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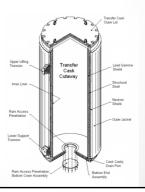
Improvements DFS1 to DFS2

- Work area conditions were improved from DFS1 OE. The VDS system was moved to the LDWA on the
 upper mezzanine where it can be accessed without exposure from the loaded cask. Instrumentation on
 the VDS are monitored remotely from the cool tent using PTZ camera systems. Headsets enable reduction
 of workers in radiation fields by facilitating communication and timing tasks so unnecessary personnel are
 not in the area. Hoses and ventilation runs were made to avoid low spots to prevent concentrating and
 trapping contamination.
- Site procedures listed as FS and FX series incorporate RP hold points that require signoff during evolutions that can change dose rates in the field.
- Gamma to neutron ratios were evaluated by HPSTIDs 08-008 during DFS1. RWP tasks were tailored to
 incorporate documented neutron to gamma ratios for individual tasks. Occupancy rates and source term
 were considered for each major evolution to establish neutron to gamma ratios for electronic dosimetry
 estimates.
- Pre-job ALARA planning included contingencies. Contingency shielding packages were available to shield the VDS condensate trap. Additional contingencies included actions for RP, Chemistry and Operations in the event of a Kr-85 release during vacuum drying. The contingency for Kr-85 release included actions to reduce exposure and control licensed material.
- Station control of SFP purification is correlated to project dose accrued during decontamination of the
 transfer cask and to dose rates on the bridge during fuel moves. History from DFS1 and benchmarking from
 the plants listed in Figure 1 is not readily accessible. Concentrations of gamma emitters in the SFP may
 demonstrate improved relative performance to industry peers.

Pre-Job Considerations: Shielding

- An engineered Transfer Cask Shield Bell will be installed on the TC. A Temporary Shielding Request will not be written for the Bell. It will be installed IAW FX3000.12 Figure 6. It consists of borated polycarbonate.
- Additional shielding will be required on the Vacuum Drying Skid pictured in the foreground to shield the condensate trap. The skid location for DFS2 will be on the upper 25' mezzanine.
 - o This shield was not actually installed. The VDS condensate trap has a low point drain and can be flushed to the FSB sump if it becomes a source term.
 - Seabrook could not get Project approval to apply shielding directly to the VDS condensate tank. We installed scaffold
 around the entire VDS. The project was not happy with this due to space constraints. We eventually removed the scaffold.
- Another TSR will be written to install lead snakes between the annular space between the Dry Shield Canister and the top cover.





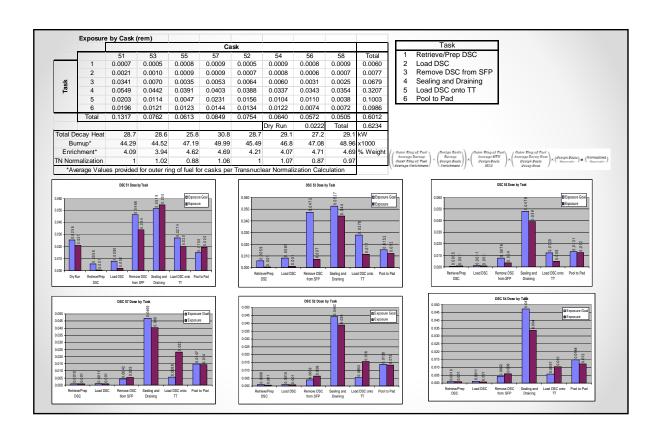
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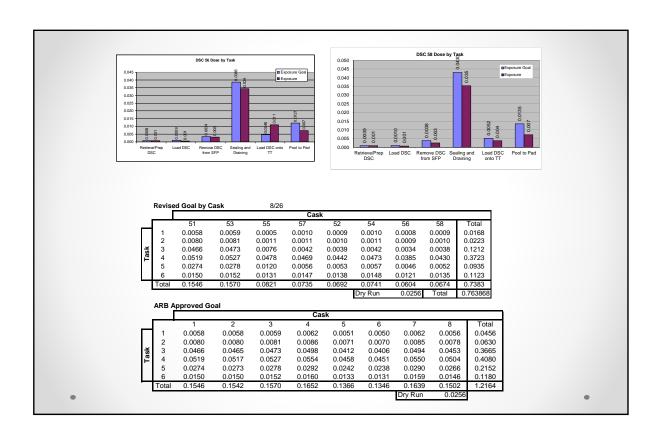
Remote Operation and Monitoring

- The project supplied an Automated Welding System to close the Inner Top Cover and for Outer Top Cover root and fill welds.
- Remote monitoring of vacuum drying indication and remote personnel monitoring set up in air conditioned tent.
- Cool tent provided location for supervisory observations
- Personnel were restricted from general areas when not directly supporting work actives.



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	Gamm	na Expos	ure by Ca	sk						
					Ca	ask				
		51	53	55	57	52	54	56	58	To
	1	0.0007	0.0005	0.0008	0.0009	0.0005	0.0009	0.0008	0.0009	0.0
	2	0.0015	0.0010	0.0009	0.0009	0.0007	0.0008	0.0006	0.0007	0.0
Task	3	0.0172	0.0036	0.0023	0.0034	0.0032	0.0034	0.0018	0.0015	0.0
Ë	4	0.0275	0.0225	0.0209	0.0203	0.0195	0.0181	0.0172	0.0180	0.1
	5	0.0103	0.0057	0.0024	0.0116	0.0078	0.0052	0.0055	0.0019	0.0
	6	0.0171	0.0104	0.0107	0.0126	0.0118	0.0106	0.0070	0.0069	0.0
	Total	0.0743	0.0437	0.0380	0.0497	0.0435	0.0390	0.0329	0.0299	0.3
								Dry Run	0.0222	0
	Neutro	n Expos	ure by Ca	sk						
					Ca	sk				
		51	53	55	57	52	54	56	58	To
	1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0
	2	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0
쏤	3	0.0169	0.0034	0.0012	0.0019	0.0032	0.0026	0.0013	0.0010	0.0
Task	4	0.0274	0.0217	0.0182	0.0200	0.0193	0.0156	0.0171	0.0174	0.1
	5	0.0100	0.0057	0.0023	0.0115	0.0078	0.0052	0.0055	0.0019	0.0
	6	0.0025	0.0017	0.0016	0.0018	0.0016	0.0016	0.0004	0.0003	0.0
	Total	0.0574	0.0325	0.0233	0.0352	0.0319	0.0250	0.0243	0.0206	0.2
										0

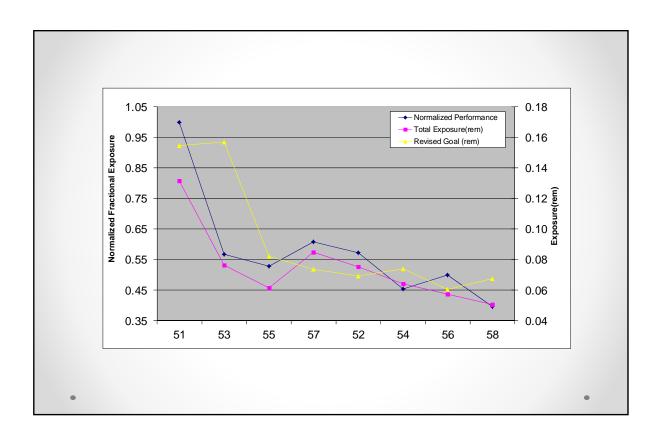
	Task	η:γ Ratio by RWP
1	Retrieve/Prep DSC	0:1
2	Load DSC	0:1
3	Remove DSC from SFP	1:1
4	Sealing and Draining	1:1
5	Load DSC onto TT	1:1
6	Pool to Pad	0:1
7	Dry Run	0:1
8	Partial HSM Entry	1:1

Average 75 mrem per cask loaded

One PCE occurred during DFS2. The individual was contaminated with a 1000 cepm particle while rigging the weld head from the DSC.

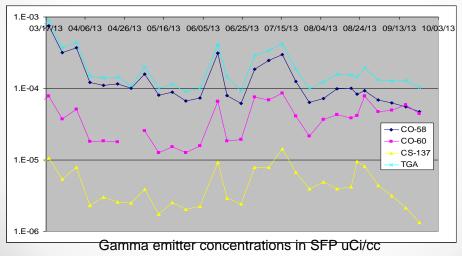
Benchmark

		Average Exposure	Lowest Exposure	Burnup	Cooling Time	Heat Load		
Plant	System	(person-mrem)	(person-REM)	(GWD/MTU)	(years)	(kW)	Notes	Contributor
								Charles.Albert@exeloncorp.com;
Peach Bottom	TN-68	267	182		>10		Avg. of 60 loadings (2000-2012)	paul.gregory@exeloncorp.com
Pt. Beach	NUHOMS-32PT	180	94	18-45	10-35		Avg. of 9 loadings (2012)	Gears, Charles [Charles.Gears@fpl.com]
								Gary.Hollinger@fpl.com; Gears, Charles
St. Lucie	NUHOMS-32PTH	145	93	12-55	5.7 - 35	26.3	Avg. of 6 loadings (2013)	[Charles.Gears@fpl.com]
							Gamma, only; based on first loading	
Nine Mile Point	NUHOMS-61BT	229		35		7.4 kW	campaign of 6 loadings (2012)	Phy, Kenneth A [Kenneth.Phy@cengllc.com]
	NUHOMS-32PTH (Surry, N. Anna);					30 kW (5,		
Dominion	NUHOMS-32PT (Millstone 2. Kewaunee)	100-150	<100				typical loading	Brian Wakeman [brian.wakeman@dom.com]
	ronomo ser i (minstone e, kewdunee)					PM/M K)		
							Avg. of 15 loadings; exposures do not	
							include transfer and placement into	
North Anna	NUHOMS-32PTH	195	76	47	11		storage (74.7 mrem, avg. for 15); total	Joe Goerge [joe.goerge@dom.com]
							exposure for last 5 DSCs is 187 mrem	
					outer region-			
La Salle	Hi-Storm 100S, MPC-68	660	620	30-34	17-18 yr;	12-14 kW	typical loading	Gabriel.Chavez@exeloncorp.com
Diablo Canyon	Hi-Storm 100SA, MPC-32	198	75	45.5 max		18 kW	Avg. of 23 loadings	Hagler, Rich [RDH7@pge.com]
Cooper	NUHOMS-61BTH, HSM-H	621	513	37.6 max		11 kW	Avg. of 8 loadings	Voss, Brian K. [bkvoss@nppd.com]
SONGS	NUHOMS-24PT4	155	77		9-	15 kW, typi	Avg. of 5 loadings (#43, #45-#49)	Randall.Granaas@sce.com
Robinson	NUHOMS-24PTH	266	163			27.4	Avg. of 14 loadings (1-8; 17-22)	Matthew.Basta@pgnmail.com
Oconee	NUHOMS-24PHB	557-1000	557	45	10-11	20	typical loading	
McGuire	UMS-24	227	63			14.1	Avg. of 28 loadings	
Catawba	UMS-24	140	61			15.5	Avg. of 24 loadings	william.murphy@duke-energy.com
Palo Verde	UMS-24	105-115	32			13-14	typical loading	seth.kanter@aps.com
							Average of 10 loadings in 2011	
Duane Arnold	NUHOMS-61BT	556	486	35	15	12.1	Lowest Exposure is in person-mrem	clark.harberts@fpl.com

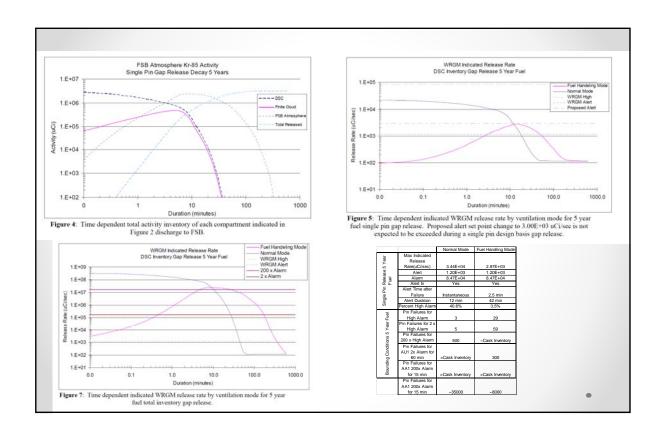


• Reduce Transfer Cask Decon Efforts

- Maintain SFP Purification in Service Prior to Campaign
- Seabrook Performs Ultra Sonic Cleaning
- Casks were pre rinsed with DI during placement and removal from SFP



Page Dilution Figure 1: Model showing direct discharge of VDS to plant vent through HEPA filter in FSB Fuel Handling Mode. The activity of each compartment is modeled using Equations 2-5.



Abbreviated Results of VDS Release Study

• Review of OE has shown that gap releases have occurred during vacuum drying operations may resulting in radiation monitor alarms in the plant vent. An assessment of radiological conditions from a failed fuel pin over the pool during fuel handling operation was assessed in HPSTID 10-006. A similar assessment was performed to evaluate radiation monitor response and emergency plan impact for failed fuel event during vacuum drying. RP recommends directly discharging HEPA filtered VDS waste to the general volume of the fuel building while in fuel handling ventilation mode to reduce the likelihood of a high alarm on the WRGM. FSB roll up door should remain closed during VDS operation to prevent an unmonitored release. See HPSTID 13-005.

Questions or additional info:

Kinsey Boehl

603-773-7638

Kinsey.Boehl@fpl.com

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

Topic:			
Contact (Name)	Plant	NSSS	Comments
	Ginna	2LW	
	Kewaunee	2LW	
	Point Beach 1,2	2LW	
	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	

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

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	СЕ	
	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-		



	Optional
Name:	
Utility:	
•	

Summer 2014 Providence, RI June 23-25, 2014

MEETING CRITIQUE

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 Winter 2015 Meeting in Key West, FL? If not, why?