

Group - (2-3 Loop PWR) Facilitator: Jeff Fontaine

**(Ray Bryant)
(Farley)**



- First success – Reduced contaminated area square footage
 - Second success- implemented dose champions, improvements in Plant ALARA Committee performance and standards
 - Nuclear technicians assigned to improve contamination control
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**(Mike Seabock)
(Shearon Harris)**



- First success – Online dose is low. Second in the industry. This is continuing success.
 - Second success – James B Duke Award for use of technologies. Hosted EPRI because of use of advance technology. Video tours on large screen monitors. Good for tours and self-briefing. Supported job coverage from the Harris site.
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**(Jason Rinehart,
Michael Pope)
(V C Summer)**



- First success – Sodium intrusion into RCS caused challenges with higher dose rates in the plant. Actions taken to keep exposure low: use of cation bed, lowered dose rate alarm setpoints to help identify areas with issues and to adjust tour routes.
 - Second success – Success in maintaining dose low in projects. Dry Cask averaged 250 mrem a campaign. Replaced reactor head for 6 rem.
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(Wade Miller)
(H B Robinson)



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- First success – Dry Cask Fuel Campaign. Previous Best ever was 161 mrem, best this time was 83 mrem. Set challenging stretch goal. Challenges with several campaigns but this led to changes in behaviors. Team was engaged.
 - Second success – Number of initiatives: Remote monitoring is reducing entries, EPRI point data, remote locking system. Site ownership for dose has improved. Sections speak to daily dose deltas of 3 mrem or more.
 - Under vessel inspection success: Challenges with under vessel insulation led to Turkey Point benchmarking and process improvements. Implemented an insulation support ring and a rail system for inspection. Saved up to 3 rem
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(Beaver Valley) (Jeff Fontaine)



- First success – Use of ALARA Committees to review and approve each request for an at power RBC entry.
- Second success – Day Zimmerman hired a specific dose champion to improve performance in Safety and ALARA.

(Dave Martin) (Prairie Island)



- First success - Use of CZT cameras for hot particle search, hot spots, and shipping.
 - Second success – Improvements in dose ownership from the sections. Each dose delta is spoken too.
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**(Ray Bryant)
(Farley)**



- First challenge- online dose, multiple containment entries at power
- Second challenge- resources, need to replace core technicians

**Mike Seabock)
(Shearon Harris)**



- First challenge- Resources. Lost core radiation technicians and are losing decon technicians
 - Second challenge-. Still doing reactor head repairs
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**(Wade Miller)
(H B Robinson)**



- First challenge – Lost Resources
- Second challenge – Did not meet outage goal. Zinc addition did not result in the dose rate reductions as expected. Looking for source term reductions

**(Jason Rinehart,
Michael Pope)
(V C**



- First challenge- Need improvements in Engineering support (e.g, permanent shielding)
- Second challenge- Need to finish critical component review to reduce unnecessary PMs

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(Dave Martin)
(Prairie Island)



- First challenge: Reduction in overall resources to reduce costs
- Second challenge: RP needs aligned across the industry

(Jeff Fontaine)
(Beaver Valley)



- First challenge: Containment Recirculation Fan lubrication
45 mrem of the 161 mrem was lubing these fans.
 - Second challenge: Implementation of self-brief RWPs.
BV workers resistant to change (union issue)
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- **Farley (Ray Bryant)– Use benchmarking to show exposure outliers**
- **Shearon Harris (Mike Seabock)-**
- **H B Robinson (Wade Miller)- Concentrate on just one dose saving measure a year**
- **V C Summer (Jason Rinehart/Mike Pope)-**
- **Prairie Island (Dave Martin)- If you own a CZT use it to review your shielding packages**
- **Beaver Valley (Jeff Fontaine) – Get your Outage Manager involved in your five-year dose reduction plan**