

Group - 2,3 Loop Westinghouse (Plant Type)

Facilitator: Jeff Fontaine

Successes – What has gone right

**(Surry)
Jeff Wright**

- First success - RCP replacement was successful. Large outage with few issues.
- Second success – Work order dose tracking process

**(Oconee)
Jill Smith**

- First success - Oconee best U-2 outage ever 58.4 EAD, Alloy 600 completed for 4.5 rem, Successful source term reduction. Outage planning was improved.
- Second success – Dose Advocates are very engaged. Sections provide their own estimates.

**(Ginna)
Christian Singley**

- ISOE World Class ALARA Award Winner. Low outage exposure 26.4 rem outage. Only 2 PCEs, Online dose was 4.5 rem, second best online dose year
 - Second success –Record outage dose due in part to submicron filtration and the use of PRC-01M. 15% dose rate reduction in Containment
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Successes – What has gone right

**(Palisades)
Jeff Smith**

- First success – Improved online dose (6.1 rem by ED) and a lower dose goal this year. Project 2015 will be a 4 rem by TLD.

- Second success – Three CRE reducing initiatives implemented. Permanent shielding on pressurizer surge line, letdown heat exchanger, permanent shielding on regenerative heat exchanger. Stainless steel encased tungsten and high temperature lead.

**(Harris)
Mike Seabock,
Tommy Anderson**

- First success - online dose under 2 rem attributed to active dose advocate program and regular meetings.

- Second success – New camera system and added remote area monitoring. Can monitor plant conditions at the RP office. Potential to do job coverage from another site.

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Successes – What has gone right

**(VC Summer)
Kristina Holton**

- First success – Improved T week work planning. Now RP attends meetings starting at T7
 - Second success – Zero PCEs in 2015, Success attributed to cleaning/decon and improved radworker practices. Project. Only two during their last outage.
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**(Robinson)
Jerry Barber**

- First success - Met outage dose goal.
 - Second success – Goal was 50 rem. Pressurizer spray line project was successful due to ALARA planning and worker performance
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**(Beaver Valley)
Jeff Fontaine**

- First success - Worker engagement. Insistence on temporary shielding applications event for low dose jobs.
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- Second success – Dedicated scaffold ALARA specialist

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(Surry)
Jeff Wright

- First challenge: CRE Online dose was 20 rem
 - Second challenge: Tritium in the ground water led to additional exposure. Pipe modifications led to 5 rem.
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(Oconee)
Jill Smith

- First challenge: Concerns regarding zinc injection since it has just begun.
 - Second challenge; Dry Cask storage dose. Approximately 450 mrem per cask
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(Ginna)
Christian Singley

- First challenge: delays in implementing zinc injection.
 - Second challenge: ALARA Suggestion program. Need to encourage workers to make suggestions
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(Palisades)
(Jeff Smith)

- First challenge: Worker behaviors need improved, sensitivity to radiation exposure
 - Second challenge: limited space, containment building is very small
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(Harris)
Mike Seabock,
Tommy Anderson

- First challenge: nozzle cracking on the reactor head, Rx head replacement likely.
 - Second challenge: high online exposure for containment at power entries for incore drive maintenance.
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(VC Summer)
Kristina Holton

- First challenge: Fourth quartile CRE. Elevated Na 24 levels.
 - Second challenge: Exposure associated for scaffold rebuilds. 3 rem accumulated for having to rebuild scaffold that had been built and then taken down.
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(Beaver Valley)
Jeff Fontaine

- First challenge Scaffold Dose
 - Second challenge Outage Dose Goal setting
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(Robinson)
Jerry Barber

- First Challenge -
- Second Challenge –

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Golden Nuggets:

- **Surry – Lever capital projects for items to lower exposure lower dose and dose rate alarms setpoints has improved worker behaviors.**
- **Oconee- Monthly Dose Advocate Meeting Management**
- **Ginna- Get ALARA involved in T week process.**
- **Palisades- ALARA Sub-Committee challenging number of PMs**
- **Harris- Dose advocate: Get a good mix of workers who actually perform the work this may result in alternate solutions.**
- **VC Summer- Use mock-ups to the extent practicable.**
- **Robinson- Concentrate on early planning RP to partner with work groups. Use of nanofiber filters especially effective for cobalt removal.**
- **Beaver Valley– Online daily dose goals include crew size, Crew hats for team building (Shield Team).**