

Group (4 Loop Westinghouse) Facilitator –Kinsey Boehl

ALARA Challenges / Lessons Learned – what has not worked?

**Abby
Fields –
Vogle**

- First success -
 - Non outage PCEs. 8 months w/o PCEs until DFS
- Second success –
 - Benchmarking of Braidwood and Byron for MSIP. Dedicated ALARA engineer for project, consistency with personnel, specialty shielding in mockup.

**Rick
Rogers –
Diablo
Canyon**

- First success –
 - PCE reduction, 10 and 13 PCEs offline, 2 online. PCE investigations to determine improvements.
 - Second success –
 - Overall dose reduction. 2 plants in top quartile CRE. Lots of support from Mgmt.
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**Shari
Mosty –
Comanche
Peak**

- First success –
 - Ops mgmt. dayshift mgrs. Are involved in planning and Ops prospective on dose reduction(flushing and system cleanup)
- Second success –
 - DCS/DFS shielded platforms to prevent workers removing shielding ~800 mrem savings on campaigns.

**Harry Miller
–
Braidwood**

- First success –
 - Snubber extension pieces do not need to be removed. Insulation stays on. 200 mrem savings snubbers; 500 mrem savings insulation
 - Second success
 - 5 years ago, ALARA suggestions on trip tickets with award system, gave away \$1500 in tools.
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**Kinsey
Boehl –
Seabrook**

- First success –
 - Mockups. DFS and Lower Plenum. Lowest outage dose 42.1 rem; Lowest DFS in the country; <2 Rem On-line (2013)
- Second success
 - Large video and picture library for work planning.

**Abby
Fields –
Vogle**

- First challenge
 - Dose ownership in work groups. ALARA rep has most of the responsibility at POD/EOD. Need to “train” Departments.
- Second challenge
 - Working w/ work planning monthly goals are not tied to annual goals.

**Rick
Rogers –
Diablo
Canyon**

- First challenge –
 - Work control integration, RP resources impacted by schedule adherences. Work loading RP into plans
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ALARA Challenges / Lessons Learned – what has not worked?

- Second challenge
 - Funding. \$/rem
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**Shari
Mosty –
Comanche
Peak**

- First challenge –
 - Source term. Difference in dose rates between units explained by equipment upgrades (SGRP, new head). 3 uCi/cc vs 9 uCi/cc crud burst.
 - Second challenge
 - What does INPO want in ED set points?
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**Kinsey
Boehl –
Seabrook
Station**

- First challenge –
 - MSIP, miscellaneous and bulk work (ALARA Review of all work orders)
 - Second challenge –
 - Personnel changes and responsibilities in ALARA group. Low consistency in work group, I am constantly retraining techs.(Improvement is coming)
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- Harry Miller – Braidwood**
- First challenge –
 - Non-Cited violation due to low set points caused by 8 alarms.
 - Second challenge –
 - Sentinel not fully implemented.
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Golden Nuggets:

- **Vogle – PARC/ARB meetings approve 50 mrem for RP manager to designate for emergent work.**
- **Diablo Canyon – Dose % of outage goal for RP reported daily. Jumps of 10 mrem or more requires RP supervisor approval.**
- **Comanche Peak – MM mgt. high engagement trickled down to craft level.**
- **Seabrook – Mirror in CTB at elevator to use LDWA to get away from RH lines in overhead.**