

Group - 4 loop Westinghouse Ice Condense Facilitator: Steve Lisi & Dana Page Successes – What has gone right

McGuire (Steve Lisi)



- First success – Weld overlay of pipe rupture (resulting in forced outage rather than 1 month early shutdown /defuel)
- Second success – White paper on 360 GoPro – innovative technology implementation (potential INPO strength)

Catawba (Dana Page/Roy Riddle)



- First success - U-2 Delay coil – Hot Leg Sample line (and adjoining ~550' of piping) chemical decon, dose rate reduction 95%. Allows us to abandon in place, 3 rem saving/outage
 - Second success – Customized shielding for U1 Core Exit Thermocouple Replacement
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**Sequoyah
(Jim Fuller)**



- First success – CFAM paid for fuel cleaning (1R21) good dose reduction
 - Second success – Alternate Shutdown (Soft Turbine Shutdown) Big dose savings, no mechanical crudburst
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Challenges – What has gone wrong

**McGuire
(Steve Lisi)**



- First challenge: Higher source term on U2 due to forced outage (safety injection piping rupture) 1 month prior to scheduled outage
- Second challenge: Higher CRE from forced outage

**(Catawba)
(Dana Page)**



- First challenge: U2 source term (D5 SG) - have approval to skip SG maintenance every other cycle but are still challenged with upcoming Alloy 600 inspections, mitigation, Rx Head peening, etc. presenting challenges to our U2 CRE
 - Second challenge: Resources (lost a developmental person ~1.5 years ago). Have made some improvement to processes but still looking for ways to better distribute time between on-line and outage planning
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Challenges – What has gone **wrong**

**(Sequoyah)
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- First challenge: Source term reset due to foreign material intrusion Unit 1
- Second challenge: Significantly under Unit 2 outage estimate (39 rem vs. 55 rem) – requires explanation, return to excellence recovery plan. Site wants **precision** estimate development



- **McGuire** – Magnetic mounted bracket w/RS-3000 – able to obtain survey readings on filters (packing liners) contact and 12” readings simultaneously
- **Catawba** – Take Action Program – able to take advantage of this process to reduce work load (reduced SAC meeting frequency, Challenge Board requirements, progress reviews for bulk work activities with outage graphs (only cost – blood, sweat and tears))
- **Sequoyah** – Soft turbine shutdown