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**From:** Paul Krohn  
**To:** Loudon, Patrick  
**Date:** 6/22/04 5:03PM  
**Subject:** Point Beach Grant/Reynolds Talking Points and Agenda

Pat,

Here's a proposed schedule and set of talking points for this Friday.

Although I'm still considering and assessing the issues, here's my current big-picture take;

- 1) There were many issues during the most recent quarter and the Unit 1 refueling outage. This is, however, not unexpected for a plant in the recovery phase.
- 2) I'm still thinking about how to group the issues but some stand alone. Many will be grouped into a PI&R sample with themes of human performance and work control issues.
- 3) The number and breadth of issues still indicate problems across a range of site organizations. Areas of concern similar to those identified during the 95003 inspection still exist.
- 4) Effective Point Beach execution of the Exc. Plan in the next 6 months is pivotal in demonstrating that the site can correct past weaknesses and sustain improvement going forward.

I look forward to discussing the topics with you.

Paul

**CC:** Kunowski, Michael; Morris, R. Michael

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## Grant/Reynolds Point Beach Site Visit

6/24/2004

7:00 - 8:00 pm

License Renewal Exit meeting at Two Creeks Town Hall.  
Louden/Krohn to attend.

6/25/2004

8:00 am

Geoff Grant/Steve Reynolds/Pat Louden arrive at Point Beach. Parking spot available in first row in front of guard house. Paul Krohn to meet guests at main entrance to south guardhouse.

Geoff Grant and Steve Reynolds badges are in each person's possession. Access is current.

8:15 - 9:00 am

Point Beach POD. Observe interaction of new management team. New personnel/positions:

- Dennis Koehl, Site VP (6/04)
- Jim McCarthy, Site Director (11/03)
- Jim Shaw, Plant Manager (2/04)
- Monica Ray, EP Manager (3/04)
- Jim Schwietzer, Engr. Director (8/03)
- Jim Brander, Acting Maintenance Manager (3/04)
- Mike Holzman, Nuclear Oversight Manager (9/03)
- Brian Dungan, Operations Manager (3/04)
- Ron Davenport, Production Planning Manager (3/04)
- Pat Russel, Performance Assessment Manager (4/04)
- Jim Connally, Regulatory Affairs Manager (9/03)

9:00 - 9:30 am

Discussion of Point Beach Unit 1 refueling outage performance. 66 days, scheduled for 25.

- Human Performance Issues
  - Unit 2, SI Accumulator level indicator. Self-revealing. Recommending as Green TS violation. Incorrect I&C venting, water left in reference leg. Existed 11/03 to 4/04.
  - EP FFD question not asked by auto call-in or security personnel. Found during change of call-out system vendor. Attention-to-detail, not noted that FFD question had been dropped during previous call-out system change. Licensee-identified violation of 10CFR20.26(e).
- Work Control/Execution/Planning Issues
  - Nozzle dam installation and maintaining of hot leg vent path. Lack of safety focus by key shift and outage personnel. 4 personnel resignations. Example in PI&R finding.
  - Outage schedule completed 2 days before beginning of Unit 1 refueling outage. Untimely work planning/late change in outage scope.
  - All core exit thermocouples disconnected during RPV head

disassembly. Procedure required 2 T/Cs until just prior to head lift. Maintenance procedure adherence issue. Example in PI&R finding.

- Control room not notified of telephone line routed through containment hatch by RP despite safety-stand down which had just discussed the importance of establishing containment integrity and communicating with Operations. RP/OPS interface issue. Example in PI&R finding.

- Electrician intentionally cycled switchyard DC control power breaker without informing control room. Caused multiple alarms related to off-site power to safeguards busses. Maintenance/Ops interface issue. Example in PI&R finding.

- Inadequate electrician self-checking led to opening of wrong breaker while hanging tagout. SFP cooling lost for 3 hours. Noticed by AO on rounds when SFP temperature increased 4F. Maintenance work practice issue. Example in PI&R finding.

- Operator TS and Licensing Basis Awareness

- Unit 2 'B' train RWST to SI pump suction valve had dual indication for 3 shifts. Operators did not enter LCO until questioned by inspectors. Operator awareness of TS requirements. Safety function maintained since 'A' train valve was fully open. Example in PI&R finding.

- Transient combustible material control in containment during Unit 1 refueling outage. Lack of understanding of transient combustible control requirements in safety-related versus safe-shutdown areas. Recommending as Green NCV of 10CFR50.48.

- LCO not entered for ~6 hours when Unit 1 audible source range count rate removed from service during Unit 1 refueling outage. Operator awareness of TS requirements. Example in PI&R finding.

- During the Unit 1 refueling outage the new COLR for the reloaded core was placed in controlled manuals while the old core was still in the RPV. Undetected by Operations personnel for 4 days despite daily verification of shutdown margin using curves in the COLR. Operator attention-to-detail, Ops/Reactor Engineering interface, licensing basis (right COLR for installed core) awareness issue. Example in PI&R finding.

- RP/ALARA Performance Issues

- Unit 1 refueling outage nozzle dam installation. 3 contractors cut out of bubble suits. In one case, bubble suit collapsed against worker's face due to attempts to obtain last breath and finish job. Example in PI&R finding.

- Increased radiation exposure (600 mrem) and schedule delay during RPV head lift and cavity flood-up. Seal for incore thermocouple connection wires (bullet nose) inadvertently lifted with head. Example in PI&R finding.

- Personnel Safety/Control of Contractor Issues

- Communications lost with diver at intake crib. Unit 2 manually tripped. Diver not in constant communication with

control room as required by plant procedures. PI data point for Scram with LONHR.

- 3 contractors cut out of bubble suits during Unit 1 refueling outage nozzle dam installation. Air fed hood air pressure raised ~ 3 times above upper limit. Resulted in separation of air hoses from bubble suits. Contractors lubricated and received manual assist to enter SG bowls.
- Contractors used Aux Bldg. RWP to perform work in Unit 1 containment. Received unexpected dose alarms.

9:30 - 11:30 am      Tour with RIs. Visit Control Room, AFW pump room, SAS/CAS. Tour and discussion of security modifications.

- Control Room (9:30 to 10:00)
  - Walkdown boards, discussion with operators if desired.
  - Mention flooded manholes, submerged cables. Still issue. Previous finding on failure to monitor and trend. Exc. Plan/CAL item. License renewal examining.
  - Highlight number of WO stickers on boards. Equipment challenges continue.

- AFW Pump Room Tour (10:00 to 10:15)

- Modifications complete.
  - ☛ backup air accumulators to recirc valves ('02).
  - ☛ new recirc orifices installed (early '03).
  - ☛ safety-related power supply to recirc valve

interposing relay ('03).

- ☛ SW AFWP suction valves repowered ('03 & '04).
- ☛ Appendix R wall completed (4/04).
- Modifications Outstanding

☛ TDAFWP discharge MOV control board remote indicators. Replace meters with open/close indications. ('05 implementation). Falsification of logs concerning these indicators subject of OI investigation.

☛ Conceptual design phase working to change MDAFW prime mover/pump for power uprate and margin increase concerns.

- Unit 1 TDAFWP discharge MOV had weak worm gear. 1<sup>st</sup> Qtr. 2004 Licensee-identified Criterion V Green violation.

- Security Tour (10:15 to 11:15)

- SAS. Observe displays. Video capture capability. Sally-Port mods. Front swing gate blocking vehicle.
- CAS. Observe displays. Discussion of weapons and armor capability.
- Tour of Protected Area perimeter pointing out security modifications.

11:15 - 11:45 pm  
lunch.

Obtain lunch from Point Beach Cafeteria. Return to RIO. Eat

11:45- 1:00 pm

Begin discussions for CAL Public meeting in RIO.

1:00 - 2:00 pm

Management meeting with Dennis Koehl and Geoff Grant/  
Steve Reynolds/Pat Loudon/Paul Krohn in Koehl's office.

2:00 pm

Depart RIO. Drive to Fox Hills for PB CAL Public Meeting. Arrive  
Fox Hills at 2:30 pm.