

3/25/04

Salem/HC SCWE Issues Timeline

97/98

Concerns an work environment began when entire senior leadership team was changed out. Previous questioning of operators on "safety and how to run a power (properly)" were changed and refocused on to "is there a way around this requirement": a shocking change

July 5, 1999

[redacted] starts at PSEG as [redacted] Late 2000/Early 2001 picked up main responsibilities. In November 2002 named [redacted] which included, [redacted]

1999
Aug 2000

[redacted] told a large group of Salem/HC SROs that they needed his permission to raise power. Later, this was interpreted as needing sr mgmt approval to lower power

2001/2002

Salem
ST Value Issue - needed to run leak testing to identify which set of ST values were leaking during startup for a refueling outage. [redacted] was trying to figure out a way to NOT do the testing. Some suspicion that [redacted] was behind the issue. Another example when [redacted] represented Sr mgmt

Late 2002

Salem
Severe degradation of station air - Two of Three compressors initially oos. The third trips. Started diesel backup compressors [redacted] (weekend sr mgmt contact) berates TARP team leader and says "get some \$%#! air compressors on-site and keep the unit on-line" Caused a chilling effect to all those that heard him

Information in this report was developed in accordance with the Freedom of Information Act, exemptions 7C, 2005-1947 FOIA

Salem/Hc SCWE Issue Timeline

2002
2003

Salem

CW Grassing Issues - Heated debate about how many circ pumps (circulators) needed for startup. [redacted] argued with [redacted] that a minimum of four was needed to startup safely. [redacted] said OK to startup with less than 4. - holding plant hostage. [redacted] walked out of discussion pod. [redacted] later started up with 3 circ pumps. [redacted]

Summer

2002

Salem

Met Tower lost power - Temporary EDG transport to the site to restore power. Big push to do it in a hurry to avoid NRC reporting. Did not follow temp prod procedure. Did paperwork after the fact. [redacted] 7C

Sept 2002

Had w/rag player involved

Salem FW Steam Leak - Steam leak on inlet to Main FW Pump Turbine (MS42) [redacted]

was alleged to have isolated the leak w/out permission of the [redacted]

Same discussion with senior mgmt prior to actions being taken [redacted] (others) 7C

2002/2003

Hc Prevention of Overpower event - Hc control room lost cross flow indication (computer) of reactor power.

Cps (ROS & CRS) wanted to lower power below 3293 MWth (old 100% power value) because operation up to 3339 MWth (new 100% power value) was deemed non-conservative.

[redacted] Continued before power decrease could be affected.

Salem/Hc SCWE Issues Timeline

March 2003 ✓ ^{HE} TBV Issue - (3/12 or 3/13) Hc began forced outage to repair/address 3 issues - 'B' EDG exhaust leak, 'M' SKV tailpipe leakage, and the 'B' reactor recirc seal leak. Jobs went well.

During startup, after gen synched to grid, #2 TBV would not go closed (~48% open). Operators said valve not operable, and

7C Discussed with [redacted] on Friday night (3/15). Planned testing with GE on Saturday (3/16) to see if problem was electrical

7C Hydraulic [redacted] discussed how to SD plant w/o a fast cooldown

7C with [redacted] maybe 10 other people. [redacted] wanted to change procedure & train on change, said he'd need 24 hrs to implement in a planned fashion. Completed procedure & training (some crew members not happy). Did evolution on Sunday night (3/17). Two overpower events initiated. The first was minor, about 1%. The second almost caused a scram from 6-7% to 13-14%. Scram at 15%. Central problem attributed to using the TBV bypass jack (man control). Later, when unit was scrammed #2 TBV went shut. Big discussion (& very long) on why Hc needed to go cold since problem apparently fixed itself. Big debate between [redacted]

7C [redacted] said if you see unit it will be w/o him as Pot job on the line for safety. [redacted] others)

March 2003 ✓ Hc Reactivity Mgmt - (3/17) Overpower event not discussed with SR mgmt because [redacted] gulling [redacted] on #2 TBV on Mon of 3/18 (Mon). [redacted] discovered during a Wed SRC mtg (3/18). Reported to [redacted] and INPO. [redacted] condemned operator actions and made all Hc operators (13/18) justify why they should be allowed to continue to operate. [redacted]

Salem/Hc SCWE Issues Timeline

June 2003 ✓ Hc EDG Intercooler leak - Leak discovered on Hc EDG from intercooler pump. Repair attempts failed and a shutdown was commenced after leakage could not be stopped. Shutdown was aborted at 42% power when engineering changed design basis of system to allow ~~the~~ coping time of 1 day instead of 7 days which increased the allowed leakage by a factor of 7. [redacted] called this an abysmal failure of engineering to understand the design basis of the system. The [redacted] felt [redacted] was unduly influencing the time to begin the shutdown. He was viewed as acting as [redacted] agent. ([redacted], others)

Other General Concerns

- General intimidating approach in dealing with people by yelling and screaming at them may have caused others to fear raising issues, i.e. "a chilling effect"