

# **Joe D'Antonio notes/comments on the [REDACTED] interview (9/25/2003)**

The following are my observations/questions on the [REDACTED] interview (9/25/2003)

ASSESSMENT QUESTION	YES/NO	AMPLIFICATION (WHY, WHY NOT, ETC.)
Will raise concerns and has done so before?	YES	Provides example of upper mgt's non-conservatively delaying (while awaiting an engineering evaluation) the start of a Tech. Spec. required shutdown due to an inop EDG. They listened to his concern over the delay, and finally relented and agreed to commence the power reduction for a controlled shutdown (7)
Raises concerns for others?	YES	Example given concerning drywell leakage (4)
Believes others raise concerns without hesitation?	YES	Example given of operators raising a concern about isolating an injection system to look for a leak - management ended up agreeing with the operators (3)  Talks about statistics of personnel generating notifications, says people are comfortable raising concerns (3a)
Knows of someone who has experienced retaliation for raising concerns?	NO	No retaliation against himself for anything; a statement was read into the record from an earlier investigation (8)
Technical Issues identified	YES	Discussion of risk vs cost rationale for decisions; example - delaying transformer replacements, selection of how many rod drives to replace each outage (2)  Level swings during the 'stuck BPV shutdown' caused by the Electro-Hydraulic Control EHC system BPV potentiometer - <u>NRC should verify proper/effective long-term corrective actions</u> (6)
Production over Safety?	NO	Provides an example of safety over production - all 4 site units down due to salt deposits on 500kv switchgear, says he can cite other examples (1)  Does so later in the document (1a)  Same EDG delayed shutdown issue described above (7)  Discussion of stuck BPV issue and the associated cooldown delay decision (5)

- (1) page 27 lines 2-22 (1a) page 28 line 24 - page 29 line 14
- (2) page 15 line 15 - page 19 line 16; page 19 line 20 - page 25 line 11
- (3) page 9 line 9 - page 12 line 7; (3a) page 39 line 37 - page 39 line 16
- (4) page 33 line 5 - page 34 line 10
- (5) Page 40 - 56: Discussed the **March 2003 stuck Bypass Valve (BPV)** issue. The shutdown to fix a Reactor Recirc Pump seal ... during **startup following the outage** ... they **synched the generator to the grid**, raised load on the turbine and **one of the BPVs did not go full closed** as expected ... some **troubleshooting Friday night into Saturday morning** ... **"determined that it looked like the valve may be mechanically bound"** ... Saturday ... leaving [REDACTED] to act in his place ... **"decisions were made to shut the unit down and place it in a condition (break vacuum) [to repair the valve]"** ... shutdown and repair plan developed **Saturday and Sunday** (including new procedures, training, SORC on Sunday night, etc.) while **maintaining the unit at ~20% power** ... shutdown commenced Sunday night ... early Monday morning they **tripped the main turbine** and the **valve went full closed** ... **"seemed to fix itself"** ... **questions were raised [around day by from [REDACTED]]** ... **do we need to continue shutting [cooling] down** to fix the valve given that the valve ... the cooldown was delayed ... **"the length of time that was taken to make what ... seemed like a very black and white decision ... caused some angst"** (addendum-Ted Wingfield, 1/23/04)
- (6) page 55 line 6 - page 56 line 10 (addendum-Ted Wingfield, 1/23/04)
- (7) page 63 line 3 - page 88 line 3
- (8) page 91 line 24 - page 92 line 1

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