Non-traditional Uses of the ANO Control Room Simulators
“Yes Virginia, there is a Santa Claus…” and The Control Room Simulators can be used for other things besides Operator Training.
Station Info

ANO1 – B&W Two Loop PWR
Once Through Steam Generators
Power: 2568 MWt / 883 MWe
Heat Sink – Lake Dardanelle
Commercial Operation: 12/19/74

ANO2 – CE Two Loop PWR
U-Tube Steam Generators
Power: 3026 MWt / 1040 MWe
Heat Sink - Cooling Tower (Lake/Closed)
Commercial Operation: 03/26/80
1. Maintenance training
   b. Mechanical Maintenance – Reactor Coolant Refresher – used the simulator as part of the lecture.
I&C Out of the box evaluations – in response to several human performance errors.

Scenarios were developed with faulted conditions and individuals acting as the shift manager.

I&C technicians were actually disqualified if they failed.
8.0 INSTRUCTIONS

8.1 FAN FAILURE CHECK

WARNING

120 VAC is present on the fan failure circuits!

CRITICAL STEP

8.1.1 Turn Off the C86 fan circuit breaker.

8.1.2 Ensure the following (after time delay), clean and/or make adjustments as necessary (repairs or replacements will require corrective maintenance).

A. Computer point YS3161, is in alarm.
B. Indicator Panel, Fan Failure lamp goes on Bright.

8.1.3 Turn on the C86 fan circuit breaker.

8.1.4 Ensure the following (after time delay), clean and/or make adjustments as necessary (repairs or replacements will require corrective maintenance).

A. Computer Point, YS3161, is not in alarm.
B. Indicator Panel, Fan Failure lamp goes On Dim.

8.1.5 IF any cleaning or adjustments were required on the fan failure circuit, THEN repeat Steps 8.1.1 through 8.1.4.
IF NOT, THEN then mark this step N/A.
Mechanical Maintenance instructors Tim Via and Marty Hair developed refresher training on the Reactor Coolant System and leveraged the Unit 1 simulator to demonstrate system operation and accident scenarios with support from Operations Training Supervisor, Billy Daniel.
2. Public Relations
   a. Tours for V.I.P. s Entergy Nuclear Advisory tour.
   b. Future employee tours, schools and colleges.
   c. News letters
VIP Tour
Local middle school tour
University of Arkansas; Obviously a freshman class.
News Letter – AO who has mastered 3’D Printing.
3. Supplemental Supervisor overview
We still do Ops Training – JITT for Shutdown into 1R29.

Question?