

OP Center Event Chronology

1920 N16 alarms, STAB Red, Per W1 & (leakage 7
 1 charging pump)
 1929 Declared alert, Rx manually tripped. External DC
 Isolated 24 SI
 Isolated SI manually
 2135 Secured SI
 2200 P/S pressures roughly equal. Continuing cooldown
 all safety equipment available
 2250 RCP 21, 22, 23 have been secured. Lvl in SC 24
 is 78%, increasing slowly.
 PCS - 1093 psig, SC 24 973 psig.
 2310 Latent believes no termination threat @ 200°F
 in PCS. Est 10 hours to get there. PCS @ 460°F
 with RCP 24 running. Boreing to establish
 SD margin for cooldown. External vent surveys
 are negative.
 2320 PCS sample shows slightly elevated activity
 (I181 @ 26-2 uCi/cc) Normal post drip.
 Boron @ 860 ppm (up from 300 ppm pre-trip)
 PCS press < SC 24 press \Rightarrow boiling. RCS from
 SC 24. PCS @ 870 psig, SC @ 910 psig
 PCS @ 464°F
 Cond. vacuum reestablished
 0130
 PCS 4320F 748 psig 770F subcool
 PCS 400°F 697 psig 100°F subcool
 PCS 3750F 698 psig 50°F/kr cooldown
 PCS 3520F 643 psig 140°F subcool reaching R.
 0425
 0450 Stable PTH pumps for 30 min pressure. For boron sink
 prior to initiating PTH cooling.

113

7:22 Alert 5015

N-16 on air injection (?)

8:30 Isolated ruptured S6

9:03 SI manual

9:30 P/S SP equalized

9:40 opened isolation

John Rogg (?) DRP R-1

No primary or secondary relief noted.

OK Brief SBY today @ 10 am

1 1/2 hours after event, used ST "to help cooldown" and
an atm. dump may have lifted or simulated for
12 minutes.

air ejector switches to discharge inside containment
in a matter of minutes.

Exceeded capacity of 2 charging pumps ($\sim 150 \text{ gpm}$)
Est 92 gpm after isolated & depressurization in RCS,
(Hub Miller)

Alert is based on 7 1 charging pump ($\sim 75 \text{ gpm}$)
still dropping after started 2nd pump 5 min
after alarm.

* Ejector to
Bring RHR on @ 11 am