

LICENSEE: TENNESSEE VALLEY AUTHORITY
SITE: SEQUOYAH 1 2 EN NUMBER: 25470
DOCKET: 05000327 05000328 EVENT DATE: 04-30-93
RX TYPE: PWR PWR EVENT TIME: 17:50
VENDORS: W-4-LP W-4-LP NOTIFY DATE: 04-30-93
EMERGENCY CLASS: N/A REGION: 2 STATE: TN TIME: 21:23
OPS OFFICER: JOHN MacKINNON
10 CFR SECTION: ADAS 50.72(b)(2)(i) UNANALYZED COND S/D
UNIT SCRAM RX INIT INITIAL MODE CURR CURRENT MODE
CODE CRIT PWR PWR
1 N N 0 REFUELING 0 REFUELING
2 N N 0 COLD SHUTDOWN 0 COLD SHUTDOWN

LICENSEE DISCOVERED THAT THEIR LTOP SETPOINT IS SET
NONCONSERVATIVELY AFTER
REVIEWING INFORMATION PROVIDED BY WESTINGHOUSE CONCERNING THEIR
LTOPs.

WESTINGHOUSE CALCULATIONS FOR LTOP SETPOINT DID NOT CONSIDER THE
ELEVATION DIFFERENCE OF THE WIDE RANGE PRESSURE TRANSMITTER AND
THE MID-PLANE OF THE REACTOR VESSEL. ENGINEERING EVALUATION FOR
UNIT 2 HAS DETERMINED THAT LTOP SETPOINT IS ACCEPTABLE FOR
REACTOR COOLANT TEMPERATURE > 120 DEGREES F. LICENSEE WILL
MAINTAIN REACTOR COOLANT TEMPERATURE ABOVE 120 DEGREES F UNTIL
LTOP SETPOINT HAS BEEN RESET TO ITS PROPER SETPOINT. UNIT 1
REACTOR VESSEL HEAD IS REMOVED (DEFUELED) SO LTOP SETPOINT IN NOT
APPLICABLE AT THIS TIME. WHEN THE REACTOR VESSEL HEAD WAS STILL
ON LICENSEE WAS NOT IN COMPLIANCE WITH TECH SPEC 3.4.12 (SAYS
THAT LTOP NOMINAL LIFT SETPOINT IS LESS THAN OR EQUAL TO A
PRESSURE/TEMPERATURE CURVE FOR PRIMARY PORV VALVES). LICENSEE
WILL RESET LTOP SETPOINT BEFORE INSTALLING REACTOR VESSEL HEAD ON
UNIT 1.

WESTINGHOUSE CALCULATIONS ESTIMATED THAT LTOP SETPOINT WAS 74psi
LOW.

RESIDENT INSPECTOR WAS INFORMED BY THE LICENSEE.