

Indiana Michigan
Power Company
P.O. Box 16631
Columbus, OH 43216



AEP:NRC:1163A
10 CFR Part 50

Donald C. Cook Nuclear Plant Units 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
EMERGENCY RESPONSE DATA SYSTEM (ERDS)

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Attn: T. E. Murley

June 17, 1992

Dear Dr. Murley:

This letter completes our response to the rule contained in 10 CFR Part 50, Appendix E, Section VI, which establishes the Emergency Response Data System. In our initial response letter AEP:NRC:1163 dated October 28, 1991, we stated that our specific Data Point Library would be provided prior to July 1992. Attachment 1 to this submission provides the Data Point Library for Cook Nuclear Plant.

It should be noted that the radiation level of the RCS letdown line and the steam generator steam line are the only process parameters that are not included in the Data Point Library. These data are not available via the Cook Nuclear Plant radiation monitoring system.

Sincerely,

A handwritten signature in cursive script, appearing to read "E. E. Fitzpatrick".

E. E. Fitzpatrick
Vice President

edg

Attachment

9206250360 20617
PDR ADOCK 05000315
P PDR

1026

Dr. T. E. Murley

-2-

AEP:NRC:1163A

cc: D. H. Williams, Jr.
A. A. Blind - Bridgman
J. R. Padgett
G. Charnoff
A. B. Davis - Region III
NRC Resident Inspector - Bridgman
NFEM Section Chief
J. Jolicoeur - AEOD

DATA POINT LIBRARY: COOK NUCLEAR PLANT UNIT 1

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: NI POWER RNG
POINT ID: U1169
PLANT SPEC POINT DESC: PWR RNG NUCL CHANNEL RMP AVG Q
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, POWER RANGE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 120.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 4
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTSIDE REACTOR VESSEL
ALARM/TRIP SET POINTS: 109.0 HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NRI-41, NRI-42, NRI-43, NRI-44

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: NI INTER RNG
 POINT ID: U0972
 PLANT SPEC: POINT DESC: AVG INTERMEDIATE RANGE SIGNAL
 GENERIC/COND DESC: NUCLEAR INSTRUMENTS, INTERMEDIATE RANGE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: μ AMPS
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.00001
 MAXIMUM INSTR RANGE: 1000.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: OUTSIDE REACTOR VESSEL
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: NRI-35, NRI-36 TRIP SET POINT AT CURRENT (μ AMPS)
 EQUIVALENT TO LESS THAN OR EQUAL TO 25% THERMAL POWER
 ON EACH INPUT, TRIP MANUALLY DEFEATED AFTER 10% NIS
 POWER

Date: June 11, 1992
 Name: CK1
 DATA FIELD: N/A
 NI SOURCE RANGE: NI SOURCE RNG
 UO989
 AVERAGE NIS SOURCE RANGE
 GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: CPS
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 1.0
 MAXIMUM INSTR RANGE: 1000000.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: OUTSIDE REACTOR VESSEL
 ALARM/TRIP SET POINTS: 100000.0 TRIP
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: 1.0E-10 AMPS
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: 6.0E-11 AMPS
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: NRI-31, NRI-32

DATE: June 11, 1982
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: REAC VES LEV
 POINT ID: U1602
 PLANT SPEC POINT DESC: AVERAGE RVLIS NARROW RANGE
 GENERIC/COND DESC: REACTOR VESSEL WATER LEVEL
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: %
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 120.0
 ZERO POINT REFERENCE: COMPLX
 REFERENCE POINT NOTES: 60 % TOP OF FUEL
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: TAPS AT BOTTOM AND TOP OF REACTOR VESSEL
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: Y
 LEVEL REFERENCE LEG: WET
 UNIQUE SYSTEM DESC: NLI-110, NLI-111 ONLY VALID WHEN RCP'S ARE OFF, WILL
 BE PEGGED HIGH WHEN RCP'S RUNNING

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: REAC VES LEV
 POINT ID: U1601
 PLANT SPEC POINT DESC: AVERAGE RVLIS WIDE RANGE
 GENERIC/COND DESC: REACTOR VESSEL WATER LEVEL
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: %
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 120.0
 ZERO POINT REFERENCE: COMPLX
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: TAPS AT BOTTOM AND TOP OF REACTOR VESSEL
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: Y
 LEVEL REFERENCE LEG: WET
 UNIQUE SYSTEM DESC: NLI-130, NLI-131 ONLY VALID WHEN RCP'S ARE RUNNING

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: TEMP CORE EX
POINT ID: U0090
PLANT SPEC POINT DESC: INST VALUE OF HOTTEST INCORE TC
GENERIC/COND DESC: HIGHEST TEMPERATURE AT THE CORE EXIT
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 200.0
MAXIMUM INSTR RANGE: 2300.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 65
HOW PROCESSED: HOTTEST OF 65 CORE EXIT T/C'S
SENSOR LOCATION: THROUGHOUT CORE
ALARM/TRIP SET POINTS: 700.0 HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: N/A

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: SUB MARGIN
 POINT ID: U0965
 PLANT SPEC POINT DESC: HOTTEST T/C MARGIN TO SATURATION
 GENERIC/COND DESC: SATURATION TEMPERATURE - HIGHEST CET
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEGF
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 2300.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: SAT TEMP - MAX CET
 SENSOR LOCATION: T/C'S IN CORE
 ALARM/TRIP SET POINTS: 29.0 LOW 600.0 HIGH
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: U0095, U0090 SATURATION TEMPERATURE BASED ON MINIMUM
 WIDE RANGE RCS PRESSURE MINUS THE MAXIMUM CORE EXIT
 THERMOCOUPLE TEMPERATURE

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: CORE FLOW
 POINT ID: U1612
 PLANT SPEC POINT DESC: TOTAL RCS FLOW
 GENERIC/COND DESC: TOTAL REACTOR COOLANT FLOW
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: GPM
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 397760.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: 90400 GPM PER PUMP
 PROC OR SENS: P
 NUMBER OF SENSORS: 12
 HOW PROCESSED: AVERAGE PER LOOP, SUM OF 4 LOOPS
 SENSOR LOCATION: COLD LEG SUCTION LINE TO PCP'S
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: NFP-210, NFP-211, NFP-212, NFP-220, NFP-221, NFP-222,
 NFP-230, NFP-231, NFP-232, NFP-240, NFP-241, NFP-242

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG LEVEL 1/A
POINT ID: L0403A
PLANT SPEC POINT DESC: STM GEN 1 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR 1 (OR A) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: bLI-110

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS P&ID METER: SG LEVEL 2/B
POINT ID: L0423A
PLANT SPEC POINT DESC: STM GEN 2 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR 2 (OR B) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: BLI-120

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG LEVEL 3/C
POINT ID: LO443A
PLANT SPEC POINT DESC: STM GEN 3 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR 3 (OR C) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: BLI-130

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG LEVEL 4/D
POINT ID: LO463A
PLANT SPEC POINT DESC: STM GEN 4 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR < (OR D) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: BLI-140

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 1/A
POINT ID: U0414
PLANT SPEC POINT DESC: STM GEN 1 STM P 1/2/3 AVG
GENERIC/COND D. C: STEAM GENERATOR 1 (OR A) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET FROM SG1 TO TURBINE
ALARM/TRIP SET POINTS: 500.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
~~NI~~ DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-210, MPP-211, MPP-212

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 2/B
POINT ID: U0434
PLANT SPEC POINT DESC: STM GEN 2 STM P 1/2/3 AVG
GENERIC/COND DESC: STEAM GENERATOR 2 (OR B) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET FROM SG2 TO TURBINE
ALARM/TRIP SET POINTS: 500.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-220, MPP-221, MPP-222

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 3/C
POINT ID: U0454
PLANT SPEC POINT DESC: STM GEN 3 STM P 1/2/3 AVG
GENERIC/COND DESC: STEAM GENERATOR 3 (OR C) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET FROM SG3 TO TURBINE
ALARM/TRIP SET POINTS: 500.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-230, MPP-231, MPP-232

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 4/D
POINT ID: U0474
PLANT SPEC POINT DESC: STM GEN 4 STM P 1/2/3 AVG
GENERIC/COND DESC: STEAM GENERATOR 4 (OR D) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET TO SG4 TO TURBINE
ALARM/TRIP SET POINTS: 500.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-240, MPP-241, MPP-242

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: MN FD FL 1/A
 POINT ID: U0411
 PLANT SPEC POINT DESC: SG 1 FW IN CORR AVG CALC 1 MIN 7
 GENERIC/COND DESC: STM GEN 1 (OR A) MAIN FEEDWATER FLOW
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: MLB/HR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.000
 MAXIMUM INSTR RANGE: 4.000
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: INLET LINE TO SG1
 ALARM/TRIP SET POINTS: N/A
 HI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 HI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: Y
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: FFC-210, FFC-211

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: MN FD FL 2/B
POINT ID: U0431
PLANT SPEC POINT DESC: SG 2 FW IN CORR AVG CALC 1 MIN F
GENERIC/COND DESC: STM GEN 2 (OR B) MAIN FEEDWATER FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: MLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.000
MAXIMUM INSTR RANGE: 4.000
INFO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INLET LINE TO SG2
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFC-220, FFC-221

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: MN FD FL 3/C
POINT ID: U0451
PLANT SPEC POINT DESC: SG 3 FW IN CORR AVG CALC 1 MIN F
GENERIC/COND DESC: STM GEN 3 (OR C) MAIN FEEDWATER FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: MLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.000
MAXIMUM INSTR RANGE: 4.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INLET LINE TO SG3
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFC-230, FFC-231

DATE: June 11, 1992
REACTOR UNIT: CS1
DATA FEEDER: N/A
NRC ERDS PARAMETER: MN FD FL 4/D
POINT ID: U0471
PLANT SPEC POINT DESC: SG 4 FW IN CORR AVG CALC 1 MIN F
GENERIC/COND DESC: STM GEN 4 (OR D) MAIN FEEDWATER FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: MLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.000
MAXIMUM INSTR RANGE: 4.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INLET LINE TO SG4
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFC-240, FFC-241

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: AX FD FL 1/A
 POINT ID: SP009A
 PLANT SPEC POINT DESC: AUX FEED FLOW LP1
 GENERIC/COND DESC: STM GEN 1 (OR A) AUXILIARY FW FLOW
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: KLB/HR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 250.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: NA
 SENSOR LOCATION: INLET LINE TO SG1
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: ISI-215

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: AX FD FL 2/B
POINT ID: SPO60A
PLANT SPEC POINT DESC: AUX FEED FLOW LP2
GENERIC/COND DESC: STM GEN 2 (OR B) AUXILIARY FW FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: KLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 250.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: INLET LINE TO SG2
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFI-220

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: AX FD FL 3/C
POINT ID: SP061A
PLANT SPEC POINT DESC: AUX FEED FLOW LP3
GENERIC/COND DESC: STM GEN 3 (OR C) AUXILIARY FW FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: KLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 250.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: INLET LINE TO SG3
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FF1-230

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: AX FD FL 4/D
 POINT ID: SP010A
 PLANT SPEC POINT DESC: AUX FEED FLOW LP4
 GENERIC/COND DESC: STM GEN 4 (OR D) AUX^T IARY FW FLOW
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: KLB/HR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 250.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: N/A
 SENSOR LOCATION: INLET LINE TO SG4
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: FFI-240

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: HL TEMP 1/A
POINT ID: T0419A
PLANT SPEC POINT DESC: RCL1 HOT TEMPERATURE
GENERIC/COND DESC: STM GEN 1 (OR A) INLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 1 HOT LEG INLET OF SG1
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-110

DATE: June 11, 1992
REACTOR UNIT: CK7
DATA FEEDER: N/A
NRC ERDS PARAMETER: HL TEMP 2/B
POINT ID: T0439A
PLANT SPEC POINT DESC: RCL2 HOT TEMPERATURE
GENERIC/COND DESC: STM GEN 2 (OR B) INLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 2 HOT LEG INLET TO SG2
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-120

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: HL TEMP 3/C
POINT ID: T0459A
PLANT SPEC POINT DESC: RCL3 HOT TEMPERATURE
GENERIC/COND DESC: STM GEN 3 (OR C) INLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 3 HOT LEG INLET TO SG3
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAI /RE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-130

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: HL TEMP 4/D
POINT ID: T0479A
PLANT SPEC POINT DESC: RCL4 HOT TEMPERATURE
GENERIC/COND DESC: STM GEN 4 (OR D) INLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 4 HOT LEG INLET TO SG4
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-140

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: CL TEMP 1/A
POINT ID: T0406A
PLANT SPEC POINT DESC: RCL1 COLD TEMPERATURE
GENERIC/COND DESC: STM GEN 1 (OR A) OUTLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 1 COLD LEG INLET TO REACTOR
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-210

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: CL TEMP 2/B
POINT ID: T0426A
PLANT SPEC POINT DESC: RCL2 COLD TEMPERATURE
GENERIC/COND DESC: STM GEN 2 (OR B) OUTLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: NA
SENSOR LOCATION: LOOP 2 COLD LEG INLET TO REACTOR
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-220

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: CL TEMP 3/C
POINT ID: T0446A
PLANT SPEC POINT DESC: RCL3 COLD TEMPERATURE
GENERIC/COND DESC: STM GEN 3 (OR C) OUTLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 3 COLD LEG INLET TO REACTOR
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-230

DATE: June 11, 1992

REACTOR UNIT: CK1

DATA FEEDER: N/A

NRC ERDS PARAMETER: CL TEMP 4/D

POINT ID: T0466A

PLANT SPEC POINT DESC: RCL4 COLD TEMPERATURE

GENERIC/COND DESC: STM GEN 4 (OR D) OUTLET TEMPERATURE

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0.0

MAXIMUM INSTR RANGE: 700.0

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATION: LOOP 4 COLD LEG INLET TO REACTOR

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A

NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A

INSTRUMENT FAILURE MODE: N/A

TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC: NTR-240

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: RCS PRESSURE
POINT ID: U1313
PLANT SPEC POINT DESC: RCL SYSTEM PRESSURE
GENERIC/COND DESC: REACTOR COOLANT SYSTEM PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 3000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: LOOP 1 AND 2 HOT LEG INLET TO SG1 AND SG2
ALARM/TR P SET POINTS: 425 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NPS-121, NPS-122

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: PRZR LEVEL
POINT ID: U0483
PLANT SPIC POINT DESC: PRESSURIZER LEVEL 1/2/3 AVG
GENERIC/COND DESC: PRIMARY SYSTEM PRESSURIZER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 36" ABOVE BOTTOM OF PRZR VESSEL
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: 36" ABOVE BOTTOM OF PRESSURIZER VESSEL
ALARM/TRIP SET POINTS: 92 HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: NLP-151, NLP-152, NLP-153

DATE: June 11, 1992

REACTOR UNIT: CK1

DATA FEEDER: N/A

NRC ERDS PARAMETER: RCS CHG/MU

POINT ID: U1613

PLANT SPEC POINT DESC: TOTAL CHARGING FLOW

GENERIC/COND DESC: PRIMARY SYSTEM CHARGING OR MAKEUP FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0.0

MAXIMUM INSTR RANGE: 200.0

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 5

HOW PROCESSED: SUM

SENSOR LOCATION: DISCHARGE HEADER OF CHARGING PUMPS AND COLD LEG OF ALL
FOUR LOOPS

ALARM/TRIP SET POINTS: 40.0 LOW

NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A

NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A

INSTRUMENT FAILURE MODE: N/A

TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC: QFI-200, IFI-51, IFI-52, IFI-53, IFI-54

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: HP SI FLOW
POINT ID: U1603
PLANT SPEC POINT DESC: TOTAL SAFETY INJECTION FLOW
GENERIC/COND DESC: HIGH PRESSURE SAFETY INJECTION FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: GPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1600.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: SUM
SENSOR LOCATION: SI PUMPS DISCHARGE LINE TO COLD LEGS
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: IFI-260, IFI-266

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: LP SI FLOW
POINT ID: U1604
PLANT SPEC POINT DESC: TOTAL RHR FLOW
GENERIC/COND DESC: LOW PRESSURE SAFETY INJECTION FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: GPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 10000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 4
HOW PROCESSED: SELECT PROPER RANGE PER LEG, SUM LEGS
SENSOR LOCATION: RHR PUMPS DISCHARGE LINE TO HOT LEGS
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: IFI-310, IFI-311, IFI-320, IFI-321

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: CTMNT SMP NR
POINT ID: U1605
PLANT SPEC POINT DESC: AVG CNTMT SUMP NR LEVEL
GENERIC/COND DESC: CONTAINMENT SUMP NARROW RANGE LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: 0=589'-5" 100=599'-8"
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 5 INCHES ABOVE BOTTOM OF SUMP
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: LOWER CNTMT SUMP
ALARM/TRIP SET POINTS: 83.75 HI 8.95 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NLA-310, NLI-311

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: CTMNT SMP WR
POINT ID: U1606
PLANT SPEC POINT DESC: AVG CTMNT SUMP WR LEVEL
GENERIC/COND DESC: CONTAINMENT SUMP WIDE RANGE LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: 0=599'-3" 100=614'
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: 0% AT ELEV. 599'-3"
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: LOWER CNTMT SUMP
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NLI-320, NLI-321

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: EFF GAS RAD
 POINT ID: U1614
 PLANT SPEC POINT DESC: UNIT VENT EFFLUENT MONITOR
 GENERIC/COND DESC: RADIOACTIVITY OF RELEASED GASES
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: μ CI/HR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 3.0E+16
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 4
 HOW PROCESSED: SELECTION, MULTIPLICATION
 SENSOR LOCATION: AUX BLDG VENT STACK
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: VRS-1505, VRS-1507, VRS-1509, VRS-1510 SELECTION OF
 LOW, MEDIUM, AND HIGH UNIT VENT INSTRUMENTS BASED ON
 EFFLUENT CONCENTRATION TIMES THE MEASURED FLOW RATE IN
 UNITS OF μ CI/HR

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: EFF LIQ RAD
POINT ID: RMS001
PLANT SPEC POINT DESC: WASTE DISPOSAL SYSTEM EFFLUENT MONITOR
GENERIC/COND DESC: RADIOACTIVITY OF RELEASED LIQUIDS
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: CPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 5.0
MAXIMUM INSTR RANGE: 5.0E+05
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LIQUID WASTE DISPOSAL SYSTEM DISCHARGE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: RRS-1001

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: COND A/E RAD
 POINT ID: U1615
 PLANT SPEC POINT DESC: SJAE EFFLUENT MONITOR
 GENERIC/COND DESC: CONDENSER AIR EJECTOR RADIOACTIVITY
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: $\mu\text{Ci}/\text{HR}$
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: $3.0\text{E}+16$
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 4
 HOW PROCESSED: SELECTION, MULTIPLICATION
 SENSOR LOCATION: CONDENSER STEAM JET AIR EJECTOR DISCHARGE VENT
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: SRA-1905, SRA-1907, SRA-1909, SRA-1910 SELECTION OF
 LOW, MEDIUM, AND HIGH SJAE MONITORS BASED ON EFFLUENT
 CONCENTRATION TIMES THE MEASURED FLOW RATE IN UNITS OF
 $\mu\text{Ci}/\text{HR}$

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
DC ERDS PARAMETER: CTMNT RAD
POINT ID: RMS023
PLANT SPEC POINT DESC: HI RANGE CTMNT AREA MONITOR
GENERIC/COND DESC: RADIATION LEVEL IN THE CONTAINMENT
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: R/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 1.OE+00
MAXIMUM INSTR RANGE: 1.OE+07
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: INSIDE CONTAINMENT
ALARM/TRIP SET POINTS: 1.OE+01
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: ERS-1410

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: SG BD RAD 1A
 POINT ID: R0024A
 PLANT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR
 GENERIC/COND DESC: STM GEN 1 BLOWDOWN RAD LEVEL
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: CPM
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 10.0
 MAXIMUM INSTR RANGE: 1000000.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER \ SENSORS: 1
 HOW PROCESSED: N/A
 SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: SG BD RAD 2B
 POINT ID: R0024A
 PLANT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR
 GENERIC/COND DESC: STM GEN 2 BLOWDOWN RAD LEVEL
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: CPM
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 10.0
 MAXIMUM INSTR RANGE: 1000000.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: N/A
 SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG BD RAD 3C
POINT ID: R0024A
PLANT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR
GENERIC/COND DESC: STM GEN 3 BLOWDOWN RAD LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: CPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 10.0
MAXIMUM INSTR RANGE: 1000000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG BD RAD 4D
POINT ID: R0024A
PLANT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR
GENERIC/COND DESC: STM GEN 4 BLOWDOWN RAD LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: CPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 10.0
MAXIMUM INSTR RANGE: 1000000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: CNTMNT PRESS
POINT ID: U1000
PLANT SPEC POINT DESC: CONTAINMENT P 1/2/3/4 AVG
GENERIC/COND DESC: CONTAINMENT PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: -5.000
MAXIMUM INSTR RANGE: 12.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 4
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INSIDE CONTAINMENT
ALARM/TRIP SET POINTS: 1.1 HIGH 2.9 HIGH-HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: PPP-300, PPP-301, PPP-302, PPP-303

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: CTMNT TEMP
 POINT ID: U1609
 PLANT SPEC POINT DESC: MAXIMUM CONTAINMENT TEMPERATURE
 GENERIC/COND DESC: CONTAINMENT TEMPERATURE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEG F
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.00
 MAXIMUM INSTR RANGE: 300.00
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 15
 HOW PROCESSED: MAXIMUM
 SENSOR LOCATION: INSIDE CONTAINMENT AT VARIOUS LOCATIONS
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: ETR-102, ETR-112, ETR-126, ETR-122, ETR-117, ETR-118,
 ETR-119, ETR-121, ETR-113, ETR-127, ETR-136

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: H2 CONC
POINT ID: U1610
PLANT SPEC POINT DESC: AVERAGE CONTAINMENT H2 CONC
GENERIC/COND DESC: CONTAINMENT HYDROGEN CONCENTRATION
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.00
MAXIMUM INSTR RANGE: 30.00
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INSIDE CONTAINMENT
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: H2-AH, H2-BH

DATE: June 11, 1992
REACTOR UNIT: CK1
DATA FEEDER: N/A
NRC ERDS PARAMETER: BWS' LEVEL
POINT ID: U1611
PLANT SPEC POINT DESC: AVERAGE RWST LEVEL
GENERIC/COND DESC: BORATED WATER STORAGE TANK LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: 89% = 364,434 GALLONS
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: TAPS ON THE WALLS OF THE RWST
ALARM/TRIP SET POINTS: 98.3 HIGH 32.2 LOW 9.1 LOW-LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: ILS-950, ILS-951

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: WIND SPEED
 POINT ID: U0804
 PLANT SPEC POINT DESC: MIDAS WIND SPEED (10 M MAIN)
 GENERIC/COND DESC: WIND SPEED AT THE REACTOR SITE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: MPH
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 125.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: APPROXIMATELY 1 MILE ENE OF PLANT
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: EFR-402, AVERAGE OVER 15 MINUTES AND UPDATED EVERY 15
 MINUTES

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: WIND DIR
 POINT ID: U0803
 PLANT SPEC POINT DESC: MIDAS WIND DIRECTION (10 M MAIN)
 GENERIC/COND DESC: WIND DIRECTION AT THE REACTOR SITE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEGFR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 360.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: APPROXIMATELY 1 MILE ENE OF PLANT
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: EFR-412, AVERAGE OVER 15 MINUTES AND UPDATED EVERY 15 MINUTES

DATE: June 11, 1992

REACTOR UNIT: CK1

DATA FEEDER: N/A

NRC ERDS PARAMETER: STAB CLASS

POINT ID: U0602

PLANT SPEC POINT DESC: MIDAS DELTA TEMP (MAIN)

GENERIC/COND DESC: AIR STABILITY AT THE REACTOR SITE

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEG F/50 M

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: -10.0

MAXIMUM INSTR RANGE: 10.0

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: SUBTRACTION

SENSOR LOCATION: APPROXIMATELY 1 MILE ENE OF PLANT

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A

NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A

INSTRUMENT FAILURE MODE: N/A

TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC: ETQ-403, AVERAGE OVER 15 MINUTES AND UPDATED EVERY 15 MINUTES

DATE: June 11, 1992
 REACTOR UNIT: CK1
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: N/A
 POINT ID: K5502
 PLANT SPEC POINT DESC: ERDS PLANT OR SIMULATED DATA
 GENERIC/COND DESC: N/A
 ANALOG/DIGITAL: D
 ENGR UNITS/DIG STATES: N/A
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 1.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: N/A
 NUMBER OF SENSORS: N/A
 HOW PROCESSED: N/A
 SENSOR LOCATION: N/A
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: 0.0 MEANS REAL PLANT DATA 1.0 MEANS SIMULATED PLANT
 DATA

DATA POINT LIBRARY: COOK NUCLEAR PLANT UNIT 2

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: NI POWER RNG
POINT ID: U1169
PLANT SPEC POINT DESC: PWR RNG NUCL CHANNEL RMP AVG Q
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, POWER RANGE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 120.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 4
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTSIDE REACTOR VESSEL
ALARM/TRIP SET POINTS: 109.0 HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NRI-41, NRI-42, NRI-43, NRI-44

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: NI INTER RNG
 POINT ID: U0972
 PLANT SPEC POINT DESC: AVG INTERMEDIATE RANGE SIGNAL
 GENERIC/COND DESC: NUCLEAR INSTRUMENTS, INTERMEDIATE RANGE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: μ AMPS
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.00001
 MAXIMUM INSTR RANGE: 1000.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: OUTSIDE REACTOR VESSEL
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LAG: N/A
 UNIQUE SYSTEM DESC: NRI-35, NRI-36 TRIP SET POINT AT CURRENT (μ AMPS)
 EQUIVALENT TO LESS THAN OR EQUAL TO 25% THERMAL POWER
 ON EACH INPUT, TRIP MANUALLY DEFEATED AFTER 10% NIS
 POWER

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: NI SOURCE RNG
POINT ID: U0989
PLANT SPEC POINT DESC: AVERAGE NIS SOURCE RANGE
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: CPS
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 1.0
MAXIMUM INSTR RANGE: 1000000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTSIDE REACTOR VESSEL
ALARM/TRIP SET POINTS: 100000.0 TRIP
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: 1.0E-10 AMPS
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: 6.0E-11 AMPS
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NRI-31, NRI-32

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: REAC VES LEV
 POINT ID: U1602
 PLANT SPEC POINT DESC: AVERAGE RVLIS NARROW RANGE
 GENERIC/COND DESC: REACTOR VESSEL WATER LEVEL
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: %
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 120.0
 ZERO POINT REFERENCE: COMPLX
 REFERENCE POINT NOTES: 60 % TOP OF FUEL
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: TAPS AT BOTTOM AND TOP OF REACTOR VESSEL
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: Y
 LEVEL REFERENCE LEG: WET
 UNIQUE SYSTEM DESC: NLI-110, NLI-111 ONLY VALID WHEN RCP'S ARE OFF, WILL
 BE PEGGED HIGH WHEN RCP'S RUNNING

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: REAC VLS LEV
POINT ID: U1601
PLANT SPEC POINT DESC: AVERAGE RVLIS WIDE RANGE
GENERIC/COND DESC: REACTOR VESSEL WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 120.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: TAPS AT BOTTOM AND TOP OF REACTOR VESSEL
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: NLI-130, NLI-13. ONLY VALID WHEN RCP'S ARE RUNNING

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: TEMP CORE EX
POINT ID: U0090
PLANT SPEC POINT DESC: INST VALUE OF HOTTEST INCORE TC
GENERIC/COND DESC: HIGHEST TEMPERATURE AT THE CORE EXIT
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 200.0
MAXIMUM INSTR RANGE: 2300.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 65
HOW PROCESSED: HOTTEST OF 65 CORE EXIT T/C'S
SENSOR LOCATION: THROUGHOUT CORE
ALARM/TRIP SET POINTS: 700.0 HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: N/A

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: SUB MARGIN
 POINT ID: U0965
 PLANT SPEC POINT DESC: HOTTEST T/C MARGIN TO SATURATION
 GENERIC/COND DESC: SATURATION TEMPERATURE - HIGHEST CET
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEGF
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 2300.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: SAT TEMP - MAX CET
 SENSOR LOCATION: T/C'S IN CORE
 ALARM/TRIP SET POINTS: 29.0 LOW 600.0 HIGH
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: U0095, U0090 SATURATION TEMPERATURE BASED ON MINIMUM
 WIDE RANGE RCS PRESSURE MINUS THE MAXIMUM CORE EXIT
 THERMOCOUPLE TEMPERATURE

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: CORE FLOW
 POINT ID: U1612
 PLANT SPEC POINT DESC: TOTAL RCS FLOW
 GENERIC/COND DESC: TOTAL REACTOR COOLANT FLOW
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: GPM
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 403040.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: 91600 GPM PER PUMP
 PROC OR SENS: P
 NUMBER OF SENSORS: 12
 HOW PROCESSED: AVERAGE PER LOOP, SUM OF 4 LOOPS
 SENSOR LOCATION: COLD LEG SUCTION LINE TO RCP'S
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N
 LEVEL REFERENCE LEG: N/A
 UNJQUE SYSTEM DESC: NFP-210, NFP-211, NFP-212, NFP-220, NFP-221, NFP-222,
 NFP-230, NFP-231, NFP-232, NFP-240, NFP-241, NFP-242

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG LEVEL 1/A
POINT ID: L0403A
PLANT SPEC POINT DESC: STM GEN 1 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR 1 (OR A) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: BLI-110

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG LEVEL 2/B
POINT ID: L0423A
PLANT SPEC POINT DESC: STM GEN 2 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR 2 (OR B) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: BLI-120

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG LEVEL 3/C
POINT ID: L0443A
PLANT SPEC POINT DESC: STM GEN 3 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR 3 (OR C) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: BLI-130

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG LEVEL 4/D
POINT ID: L0463A
PLANT SPEC POINT DESC: STM GEN 4 WIDE RNG L
GENERIC/COND DESC: STEAM GENERATOR 4 (OR D) WATER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 38.3 FT BELOW TOP OF FW INLET PIPE
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: 38.3 FT BELOW TOP OF FW INLET PIPE
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: BLI-140

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 1/A
POINT ID: U0414
PLANT SPEC POINT DESC: STM GEN 1 STM P 1/2/3 AVG
GENERIC/COND DESC: STEAM GENERATOR 1 (OR A) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET FROM SG1 TO TURBINE
ALARM/TRIP SET POINTS: 600.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-210, MPP-211, MPP-212

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 2/B
POINT ID: U0434
PLANT SPEC POINT DESC: STM GEN 2 STM P 1/2/3 AVG
GENERIC/COND DESC: STEAM GENERATOR 2 (OR B) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: F
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET FROM SG2 TO TURBINE
ALARM/TRIP SET POINTS: 600.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-220, MPP-221, MPP-222

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 3/C
POINT ID: U0454
PLANT SPEC POINT DESC: STM GEN 3 STM P 1/2/3 AVG
GENERIC/COND DESC: STEAM GENERATOR 3 (OR C) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET FROM SG3 TO TURBINE
ALARM/TRIP SET POINTS: 600.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-230, MPP-231, MPP-232

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG PRESS 4/D
POINT ID: U0474
PLANT SPEC POINT DESC: STM GEN 4 STM P 1/2/3 AVG
GENERIC/COND DESC: STEAM GENERATOR 4 (OR D) PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1200.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: OUTLET TO SQ4 TO TURBINE
ALARM/TRIP SET POINTS: 600.0 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: MPP-240, MPP-241, MPP-242

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: MN FD FL 1/A
POINT ID: U0411
PLANT SPEC POINT DESC: SG 1 FW IN CORR AVG CALC 1 MIN F
GENERIC/COND DESC: STM GEN 1 (OR A) MAIN FEEDWATER FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: MLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.000
MAXIMUM INSTR RANGE: 4.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INLET LINE TO SG1
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFC-210, FFC-211

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: MN FD FL 2/B
POINT ID: U0431
PLANT SPEC POINT DESC: SG 2 FW IN CORR AVG CALC 1 MIN F
GENERIC/COND DESC: STM GEN 2 (OR B) MAIN FEEDWATER FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: MLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.000
MAXIMUM INSTR RANGE: 4.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INLET LINE TO SG2
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
HI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFC-220, FFC-221

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: MN FD FL 3/C
POINT ID: UO451
PLANT SPEC POINT DESC: SG 3 FW IN CORR AVG CALC 1 MIN F
GENERIC/COND DESC: STM GEN 3 (OR C) MAIN FEEDWATER FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DJ, STATES: MLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INST. RANGE: 0.000
MAXIMUM INSTR RANGE: 4.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INLET LINE TO SG3
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFC-230, FFC-231

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: MN FD FL 4/D
POINT ID: U0471
PLANT SPEC POINT DESC: SG 4 FW IN CORR AVG CALC 1 MIN F
GENERAL POINT DESC: STM GEN 4 (OR D) MAIN FEEDWATER FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: MLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.000
MAXIMUM INSTR RANGE: 4.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INLET LINE TO SG4
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR D/ TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFC-240, FFC-241

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: AX FD FL 1/A
POINT ID: SPO09A
PLANT SPEC POINT DESC: AUX FEED FLOW LP1
GENERIC/COND DESC: STM GEN 1 (OR A) AUXILIARY FW FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: KLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 250.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: NA
SENSOR LOCATION: INLET LINE TO SG1
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFI-210

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDC PARAMETER: AX FD FL 2/B
POINT ID: SPO60A
PLANT SPEC POINT DESC: AUX FEED FLOW LP2
GENERIC/COND DESC: STM GEN 2 (OR B) AUXILIARY FW FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: KLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 250.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: INLET LINE TO SG2
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFI-220

DATE: June 11, 1982
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: AX FD FL 3/C
POINT ID: SPO61A
PLANT SPEC POINT DESC: AUX FEED FLOW LP3
GENERIC/COND DESC: STM GEN 3 (OR C) AUXILIARY FW FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: KLB/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 250.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: INLET LINE TO SG3
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: FFI-230

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: AX FD FL 4/D
 POINT ID: SPO10A
 PLANT SPEC POINT DESC: AUX FEED FLOW LP4
 GENERIC/COND DESC: STM GEN 4 (OR D) AUXILIARY FW FLOW
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: KLB/HR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 250.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: N/A
 SENSOR LOCATION: INLET LINE TO SG4
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: FFI-240

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: HL TEMP 1/A
POINT ID: T0419A
PLANT SPEC POINT DESC: RCL1 HOT TEMPERATURE
GENERIC/COND DESC: STM GEN 1 (OR A) INLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 1 HOT LEG INLET OF SG1
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-110

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: HL TEMP 2/B
 POINT ID: T0439A
 PLANT SPEC POINT DESC: RCL2 HOT TEMPERATURE
 GENERIC/COND DESC: STM GEN 2 (OR B) INLET TEMPERATURE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEGF
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 700.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: N/A
 SENSOR LOCATION: LOOP 2 HOT LEG INLET TO SG2
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: NTR-120

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: HI EMP 3/C
 POINT ID: T0459A
 PLANT SPEC POINT DESC: RCL3 HOT TEMPERATURE
 GENERIC/COND DESC: STM GEN 3 (OR C) INLET TEMPERATURE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEGF
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 700.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: N/A
 SENSOR LOCATION: LOOP 3 HOT LEG INLET TO SG3
 ALARM/TRIP SET POINTS: N/A
 NEUTRON DETECTOR POWER SUPPLY
 COLD POWER LEVEL: N/A
 HEAT EXCHANGER POWER SUPPLY
 COLD POWER LEVEL: N/A
 TRANSMITTER FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: NTR-130

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: HL TEMP 4/D
POINT ID: T0479A
PLANT SPEC POINT DESC: RCL4 HOT TEMPERATURE
GENERIC/COND DESC: STM GEN 4 (OR D) INLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 4 HOT LEG INLET TO SG4
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-140

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CL TEMP N/A
POINT ID: T0406A
PLANT SPEC POINT DESC: RCL1 COLD TEMPERATURE
GENERIC/COND DESC: STM GEN 1 (OR A) OUTLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 1 COLD LEG INLET TO REACTOR
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-210

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CL TEMP 2/B
POINT ID: T0426A
PLANT SPEC POINT DESC: RCL2 COLD TEMPERATURE
GENERIC/COND DESC: STM GEN 2 (OR B) OUTLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: NA
SENSOR LOCATION: LOOP 2 COLD LEG INLET TO REACTOR
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LFG: N/A
UNIQUE SYSTEM DESC: NTR-220

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CL TEMP 3/C
POINT ID: T0446A
PLANT SPEC POINT DESC: RCL3 COLD TEMPERATURE
GENERIC/COND DESC: STM GEN 3 (OR C) OUTLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 3 COLD LEG INLET TO REACTOR
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-230

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CL TEMP 4/D
POINT ID: T0466A
PLANT SPEC POINT DESC: RCL4 COLD TEMPERATURE
GENERIC/COND DESC: STM GEN 4 (OR D) OUTLET TEMPERATURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: DEGF
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 700.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: LOOP 4 COLD LEG INLET TO REACTOR
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NTR-240

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: RCS PRESSURE
POINT ID: U1313
PLANT SPEC POINT DESC: RCI SYSTEM PRESSURE
GENERIC/COND DESC: REACTOR COOLANT SYSTEM PRESSURE
ANALOG/DIGITAL: 1
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 3000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: LOOP 1 AND 2 HOT LEG INLET TO SG1 AND SG2
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NPS-121, NPS-122

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: PRZR LEVEL
POINT ID: U0483
PLANT SPEC POINT DESC: PRESSURIZER LEVEL 1/2/3 AVG
GENERIC/COND DESC: PRIMARY SYSTEM PRESSURIZER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 36" ABOVE BOTTOM OF PRZR VESSEL
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVERAGE
SENSOR LOCATION: 36" ABOVE BOTTOM OF PRESSURIZER VESSEL
ALARM/TRIP SET POINTS: 92 HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: NLP-151, NLP-152, NLP-153

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: RCS CHG/MU
 POINT ID: U1613
 PLANT SPEC POINT DESC: TOTAL CHARGING FLOW
 GENERIC/COND DESC: PRIMARY SYSTEM CHARGING OR MAKEUP FLOW
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: GPM
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 200.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 5
 HOW PROCESSED: SUM
 SENSOR LOCATION: DISCHARGE HEADER OF CHARGING PUMPS AND COND LEG OF ALL
 FOUR LOOPS
 ALARM/TRIP SET POINTS: 40.0 HIGH
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: QFI-200, IFI-51, IFI-52, IFI-53, IFI-54

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: HP SI FLOW
POINT ID: U1603
PLANT SPEC POINT DESC: TOTAL SAFETY INJECTION FLOW
GENERIC/COND DESC: HIGH PRESSURE SAFETY INJECTION FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: GPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 1600.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: SUM
SENSOR LOCATION: SI PUMP DISCHARGE LINE TO COLD LEGS
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: IFI-260, IFI-266

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: LP SI FLOW
POINT ID: U1604
PLANT SPEC POINT DESC: TOTAL RHR FLOW
GENERIC/COND DESC: LOW PRESSURE SAFETY INJECTION FLOW
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: GPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 10000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 4
HOW PROCESSED: SELECT PROPER RANGE FOR EACH LEG, SUM LEGS
SENSOR LOCATION: RHR PUMP DISCHARGE TO HOT LEGS
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: IFI-310, IFI-311, IFI-320, IFI-321

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CTMNT SMP NR
POINT ID: U1605
PLANT SPEC POINT DESC: AVG CNTMT SUMP NR LEVEL
GENEPIC/COND DESC: CONTAINMENT SUMP NARROW RANGE LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: 0=589'-5" 100=599'-8"
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: AT 0% 5 INCHES ABOVE BOTTOM OF SUMP
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: LOWER CNTMT SUMP
ALARM/TRIP SET POINTS: 83.75 HI 8.95 LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: NLA-310, NLI-311

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CTMNT SMP WR
POINT ID: U1606
PLANT SPEC POINT DESC: AVG CTMNT SUMP WR LEVEL
GENERIC/COND DESC: CONTAINMENT SUMP WIDE RANGE LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: 0=599'-3" 100=614'
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: 0% AT ELEV. 599'-3"
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: LOWER CNTMT SUMP
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LPA: N/A
UNIQUE SYSTEM DESC: NLI-320, NLI-321

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: EFF GAS RAD
 POINT ID: U1614
 PLANT SPEC POINT DESC: UNIT VENT EFFLUENT MONITOR
 GENERIC/COND DESC: RADIOACTIVITY OF RELEASED GASES
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: $\mu\text{CI}/\text{HR}$
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: $3.0\text{E}+16$
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 4
 HOW PROCESSED: SELECTION, MULTIPLICATION
 SENSOR LOCATION: AUX BLDG VENT STACK
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: VRS-2505, VRS-2507, VRS-2509, VRS-2510 SELECTION OF
 LOW, MEDIUM, AND HIGH UNIT VENT INSTRUMENTS BASED ON
 EFFLUENT CONCENTRATION TIMES THE MEASURED FLOW RATE IN
 UNITS OF $\mu\text{CI}/\text{HR}$

DATE: June 11, 1992

REACTOR UNIT: CK2

DATA FEEDER: N/A

NRC ERDS PARAMETER: EFF LIQ RAD

POINT ID: RMS001

PLANT SPEC POINT DESC: WASTE DISPOSAL SYSTEM EFFLUENT MONITOR

GENERIC/COND DESC: RADIOACTIVITY OF RELEASED LIQUIDS

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 5.0

MAXIMUM INSTR RANGE: 5.0E+05

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATION: LIQUID WASTE DISPOSAL SYSTEM DISCHARGE

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A

NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A

INSTRUMENT FAILURE MODE: N/A

TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC: RRS-1001

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: COND A/E RAD
 POINT ID: U1615
 PLANT SPEC POINT DESC: SJAE EFFLUENT MONITOR
 GENERIC/COND DESC: CONDENSER AIR EJECTOR RADIOACTIVITY
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: μ CI/HR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 3.0E+16
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 4
 HOW PROCESSED: SELECTION, MULTIPLICATION
 SENSOR LOCATION: CONDENSER STEAM JET AIR EJECTOR DISCHARGE VENT
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: SRA-2905, SRA-2907, SRA-2909, SRA-2910 SELECTION OF
 LOW, MEDIUM, AND HIGH SJAE MONITORS BASED ON EFFLUENT
 CONCENTRATION TIMES THE MEASURED FLOW RATE IN UNITS OF
 μ CI/HR

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CTMNT RAD
POINT ID: RMS064
PLANT SPEC POINT DESC: HI RANGE CTMNT AREA MONITOR
GENERIC/COND DESC: RADIATION LEVEL IN THE CONTAINMENT
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: R/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 1.OE+00
MAXIMUM INSTR RANGE: 1.OE+07
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: INSIDE CONTAINMENT
ALARM/TRIP SET POINTS: 1.OE+01
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: ERS-2410

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG BD RAD 1A
POINT ID: R0024A
PLANT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR
GENERIC/COND DESC: STM GEN 1 BLOWDOWN RAD LEVEL
ANALOG/DIGITAL: A
ENGR UNIT: 3 STATES: CPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 10.0
MAXIMUM INSTR RANGE: 1000000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG BD RAD 2B
POINT ID: R0024A
PLANT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR
GENERIC/COND DESC: STM GEN 2 BLOWDOWN RAD LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: CPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 10.0
MAXIMUM INSTR RANGE: 1000000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: SG BD RAD 3C
POINT ID: R0024A
PLANT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR
GENERIC/COND DESC: STM GEN 3 BLOWDOWN RAD LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: CPM
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 10.0
MAXIMUM INSTR RANGE: 1000000.0
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: N/A
SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992

REACTOR UNIT: CK2

DATA FEEDER: N/A

NRC ERDS PARAMETER: SG BD RAD 4D

POINT ID: R0024A

POINT SPEC POINT DESC: SG BLOWDOWN TREATMENT MONITOR

GENERIC/COND DESC: STM GEN 4 BLOWDOWN RAD LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 10.0

MAXIMUM INSTR RANGE: 1000000.0

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATION: OUTLET OF THE STEAM GENERATOR BLOWDOWN HEADER

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A

NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A

INSTRUMENT FAILURE MODE: N/A

TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC: DRA-353 COMMON FOR SG-1,2,3,4

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: CNTMNT PRESS
POINT ID: U1000
PLANT SPEC POINT DESC: CONTAINMENT P 1/2/3/4 AVG
GENERIC/COND DESC: CONTAINMENT PRESSURE
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: PSIG
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: -5.000
MAXIMUM INSTR RANGE: 12.000
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 4
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INSIDE CONTAINMENT
ALARM/TRIP SET POINTS: 1.1 HIGH 2.9 HIGH-HIGH
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: PPP-300, PPP-301, PPP-302, PPP-303

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: CTMNT TEMP
 POINT ID: U1609
 PLANT SPEC POINT DESC: MAXIMUM CONTAINMENT TEMPERATURE
 GENERIC/COND DESC: CONTAINMENT TEMPERATURE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEG F
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.00
 MAXIMUM INSTR RANGE: 300.00
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 15
 HOW PROCESSED: MAXIMUM
 SENSOR LOCATION: INSIDE CONTAINMENT AT VARIOUS LOCATIONS
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: ETR-102, ETR-112, ETR-126, ETR-122, ETR-117, ETR-118,
 ETR-119, ETR-121, ETR-113, ETR-127, ETR-136

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: H2 CONC
POINT ID: U1610
PLANT SPEC POINT DESC: AVERAGE CONTAINMENT H2 CONC
GENERIC/COND DESC: CONTAINMENT HYDROGEN CONCENTRATION
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.00
MAXIMUM INSTR RANGE: 30.00
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: INSIDE CONTAINMENT
ALARM/TRIP SET POINTS: N/A
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: N/A
LEVEL REFERENCE LEG: N/A
UNIQUE SYSTEM DESC: H2-AH, H2-BH

DATE: June 11, 1992
REACTOR UNIT: CK2
DATA FEEDER: N/A
NRC ERDS PARAMETER: BWST LEVEL
POINT ID: U1611
PLANT SPEC POINT DESC: AVERAGE RWST LEVEL
GENERIC/COND DESC: BORATED WATER STORAGE TANK LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 0.0
MAXIMUM INSTR RANGE: 100.0
ZERO POINT REFERENCE: COMPLX
REFERENCE POINT NOTES: 89% = 364,434 GALLONS
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: AVERAGE
SENSOR LOCATION: TAPS ON THE WALLS OF THE RWST
ALARM/TRIP SET POINTS: 9F 3 HIGH 32.2 LOW 9.1 LOW-LOW
NI DETECTOR POWER SUPPLY
CUT-OFF POWER LEVEL: N/A
NI DETECTOR POWER SUPPLY
TURN-ON POWER LEVEL: N/A
INSTRUMENT FAILURE MODE: N/A
TEMPERATURE COMPENSATION
FOR DP TRANSMITTER: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESC: ILS-950, ILS-951

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: W1 7 SPEED
 POINT ID: U0804
 PLANT SPEC POINT DESC: MIDAS WIND SPEED (10 M MAIN)
 GENERIC/COND DESC: WIND SPEED AT THE REACTOR SITE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: MPH
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 125.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: APPROXIMATELY 1 MILE ENE OF PLANT
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: EFR-402, AVERAGE OVER 15 MINUTES AND UPDATED EVERY 15 MINUTES

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: WIND DIR
 POINT ID: U0803
 PLANT SPEC POINT DESC: MIDAS WIND DIRECTION (10 M MAIN)
 GENERIC/COND DESC: WIND DIRECTION AT THE REACTOR SITE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEGFR
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 360.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: AVERAGE
 SENSOR LOCATION: APPROXIMATELY 1 MILE ENE OF PLANT
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: EFR-412, AVERAGE OVER 15 MINUTES AND UPDATED EVERY 15 MINUTES

DATE: 31 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: STAB CLASS
 POINT ID: L-732
 PLANT SPEC POINT DESC: MIDAS DELTA TEMP (MAIN)
 GENERIC/COND DESC: ALL STABILITY AT THE REACTOR SITE
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: DEG F/50 M
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: -10.0
 MAXIMUM INSTR RANGE: 10.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: P
 NUMBER OF SENSORS: 2
 HOW PROCESSED: SUBTRACTION
 SENSOR LOCATION: APPROXIMATELY 1 MILE ENE OF PLANT
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: ETQ-403, AVERAGE OVER 15 MINUTES AND UPDATED EVERY 15 MINUTES

DATE: June 11, 1992
 REACTOR UNIT: CK2
 DATA FEEDER: N/A
 NRC ERDS PARAMETER: N/A
 POINT ID: K5502
 PLANT SPEC POINT DESC: ERDS PLANT OR SIMULATED DATA
 GENERIC/COND DESC: N/A
 ANALOG/DIGITAL: D
 ENGR UNITS/DIG STATES: N/A
 ENGR UNITS CONVERSION: N/A
 MINIMUM INSTR RANGE: 0.0
 MAXIMUM INSTR RANGE: 1.0
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: N/A
 NUMBER OF SENSORS: N/A
 HOW PROCESSED: N/A
 SENSOR LOCATION: N/A
 ALARM/TRIP SET POINTS: N/A
 NI DETECTOR POWER SUPPLY
 CUT-OFF POWER LEVEL: N/A
 NI DETECTOR POWER SUPPLY
 TURN-ON POWER LEVEL: N/A
 INSTRUMENT FAILURE MODE: N/A
 TEMPERATURE COMPENSATION
 FOR DP TRANSMITTER: N/A
 LEVEL REFERENCE LEG: N/A
 UNIQUE SYSTEM DESC: 0.0 MEANS REAL PLANT DATA 1.0 MEANS SIMULATED PLANT
 DATA