

Duke Power Company
Catawba Nuclear Generation Department
4800 Concord Road
York, SC 29745

WILLIAM R. MCCOLLUM, JR.
Vice President
(803)831-3200 Office
(803)831-3426 Fax



DUKE POWER

June 3, 1996

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

Subject: Catawba Nuclear Station - Unit 1
Docket No. 50-413
Emergency Response Data System (ERDS) Modifications

Pursuant to the requirements of 10CFR50 Appendix E, Section VI, parts 3.a and 3.b, the following is a notification of modifications to be implemented on the Emergency Response Data System (ERDS) for Duke Power Company's Catawba Nuclear Station Unit 1 (CNS 1), Facility Operating License NPF-35, ERDS designator CT1.

1. Duke is replacing its Operator Aid Computer (OAC) systems at all its nuclear units. The vendor, Science Applications International Corp., (SAIC) is providing the replacement systems. The ERDS application will be integral to the new OAC versus the current separate stand-alone system. For CNS 1, this replacement will occur during the upcoming steam generator replacement outage. From approximately 06/17/96 to 07/01/96, the existing OAC will be removed and replaced. Post-modification testing will then commence and continue through the end of July. During the removal/replacement time frame, ERDS will be completely unavailable for CNS 1. ERDS data will be gathered manually and distributed by facsimile during the ERDS outage if needed. During the testing phase, ERDS may be available, but not be operable. In this case, data may be used from this system as necessary.
2. The Catawba 2 ERDS will remain in service, unaffected by the Catawba 1 outage as it is a completely separate system.

1/1
A426

9606110371 960603
PDR ADOCK 05000413
F PDR

110046

3. The Duke version of the SAIC ERDS application is essentially the same as the standard SAIC product which is already in service at several other nuclear plants. It is proposed that the detailed testing that was performed during initial ERDS installation with Halliburton NUS Corporation not be performed again. The regular quarterly ERDS test scheduled for 07/30/96 will be used to demonstrate ERDS operability as defined by NUREG 1394, part 3.7.
4. The Plant Attribute Library (PAL) information for CNS 1 will not require revision. All communication protocols, messages, and quality codes and formats are unaffected by this modification.
5. The Data Point Library (DPL) information for CNS 1 should be revised per the attached sheets. Revision bars on the right margin indicate changes. The following are some comments concerning these revisions:
 - a. The computer point identification format is changed from five-characters to seven-characters (site and unit have been added).
 - b. Points which indicate the status of each of the eight Safety Parameters Display System (SPDS) Critical Safety Function trees have been added. Each point will transmit an integer having a value of zero to fifteen. The value corresponds to a CSF color per the table below. Flashing colors indicate an unacknowledged change of state.

0 = INVALID	6 = INVALID	12 = FLASH GREEN
1 = RED	7 = INVALID	13 = FLASH MAGENTA
2 = ORANGE	8 = INVALID	14 = INVALID
3 = YELLOW	9 = FLASH RED	15 = INVALID
4 = GREEN	10 = FLASH ORANGE	
5 = MAGENTA	11 = FLASH YELLOW	
 - c. The four reactor vessel level indication system (RVLIS) points (train A-lower range, train A-upper range, train B-lower range, and train B-upper range) formerly used as ERDS points will be replaced by two consolidated points (train A and train B). Old points, P0162, P0163, P0164, and P0165, will be deleted. New points, C1P0180 and C1P0181, will be added.

U. S. Nuclear Regulatory Commission

June 3, 1996

Page 3

6. The changes to the DPL should be implemented by the NRC on their ERDS computer during the time frame associated with the CNS 1 ERDS unavailability (06/17/96 - 07/01/96). The NRC is requested to send to Duke a printout or electronic copy of the revised DPL for CNS 1 following revision for our record. Duke will notify the NRC by phone if these projected dates change. Duke will also notify the NRC at the actual beginning and end of the unavailability period.

It is requested that the NRC review the above information for acceptability by 06/14/96. Should there be any questions or should additional information be required, please contact Rainer Blessing at (803) 831-3857. An electronic copy of the DPL (in Microsoft Access) is available on request.

Sincerely,

WR McCollum Jr / Self Files

W. R. McCollum, Jr.

/RGB

xc: S. D. Ebnetter, Regional Administrator

P. S. Tam, Project Manager

R. J. Freudenburger, Senior Resident Inspector

REVISED DATA POINT LIBRARY
CATAWBA NUCLEAR STATION
UNIT 1

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	RCS PRESSURE
POINT ID:	C1P0151
PLANT SPEC POINT DESC:	NC SYSTEM PRESSURE, BEST
GENERIC/COND DESC:	REACTOR COOLANT SYSTEM PRESSURE
ANALOG/DIGITAL:	A
ENGR UNITS/DI STATES:	PSIG
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	3000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	HOTLEG OF RCS
ALARM/TRIP SETPOINTS:	HIGH-2385 PSIG LOW-9145 PSIG
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	VALUE IS EITHER THE AVERAGE OF TWO NARROW RANGE RCS PRESSURES (0 - 800 PSIG), IF ONSCALE, OR THE WIDE RANGE RCS PRESSURE (0 - 3000 PSIG).

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	HL TEMP 1/A
POINT ID:	C1A0668
PLANT SPEC POINT DESC:	NC LOOP A WIDE RANGE HOT LEG TEMP
GENERIC/COND DESC:	STM GEN A INLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF HOT LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	HL TEMP 2/B
POINT ID:	C1A0669
PLANT SPEC POINT DESC:	NC LOOP B WIDE RANGE HOT LEG TEMP
GENERIC/COND DESC:	STM GEN B INLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF HOT LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	HL TEMP 3/C
POINT ID:	C1A0670
PLANT SPEC POINT DESC:	NC LOOP C WIDE RANGE HOT LEG TEMP
GENERIC/COND DESC:	STM GEN C INLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF HOT LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	HL TEMP 4/D
POINT ID:	C1A0671
PLANT SPEC POINT DESC:	NC LOOP D WIDE RANGE HOT LEG TEMP
GENERIC/COND DESC:	STM GEN D INLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF HOT LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CL TEMP 1/A
POINT ID:	C1A0700
PLANT SPEC POINT DESC:	NC LOOP A WIDE RANGE COLD LEG TEMP
GENERIC/COND DESC:	STM GEN A OUTLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF COLD LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CL TEMP 2/B
POINT ID:	C1A0706
PLANT SPEC POINT DESC:	NC LOOP B WIDE RANGE COLD LEG TEMP
GENERIC/COND DESC:	STM GEN B OUTLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF COLD LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CL TEMP 3/C
POINT ID:	C1A0712
PLANT SPEC POINT DESC:	NC LOOP C WIDE RANGE COLD LEG TEMP
GENERIC/COND DESC:	STM GEN C OUTLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF COLD LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CL TEMP 4/D
POINT ID:	C1A0718
PLANT SPEC POINT DESC:	NC LOOP D WIDE RANGE COLD LEG TEMP
GENERIC/COND DESC:	STM GEN D OUTLET TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	WELL OF COLD LEG LOOP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	TEMP CORE EX
POINT ID:	C1P0828
PLANT SPEC POINT DESC:	5 HIGHEST SAFETY RELATED INCORE T/C TEMP
GENERIC/COND DESC:	HIGHEST TEMP AT CORE EXIT
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	
MINIMUM INSTR RANGE:	32
MAXIMUM INSTR RANGE:	2300
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	40
HOW PROCESSED:	AVG OF 5 HIGHEST T/C'S FROM ICCM
SENSOR LOCATIONS:	ON TOP OF CORE EXIT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	THE VALUE IS BASED ON AN AVERAGE OF THE 5 HIGHEST SAFETY-RELATED (ICCM) INCORE T/C'S THAT PASS A VALIDATION TEST. THE TEST EXCLUDES ALL BAD QUALITY INPUTS AND ANY VALUES THAT ARE MORE THAN 50 DEG F FROM THE 5 HIGHEST AVERAGE.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SUB MARGIN
POINT ID:	C1A1345
PLANT SPEC POINT DESC:	NC SYSTEM SUBCOOLING-TRAIN A
GENERIC/COND DESC:	SAT TEMP-HIGHEST CORE EXIT T/C
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	POSITIVE = SUBCOOLING
MINIMUM INSTR RANGE:	-300
MAXIMUM INSTR RANGE:	200
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	20
HOW PROCESSED:	AVG OF 5 HIGHEST TRN A CORE EXIT T/C
SENSOR LOCATIONS:	TOP OF CORE EXIT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	THIS VALUE IS DERIVED BY WESTINGHOUSE INADEQUATE CORE COOLING MONITOR (ICCM).

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SUB MARGIN
POINT ID:	C1A1351
PLANT SPEC POINT DESC:	NC SYSTEM SUBCOOLING-TRAIN B
GENERIC/COND DESC:	SAT TEMP-HIGHEST CORE EXIT T/C
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	POSITIVE = SUBCOOLING
MINIMUM INSTR RANGE:	-300
MAXIMUM INSTR RANGE:	-200
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	20
HOW PROCESSED:	AVG OF 5 HIGHEST TRN B CORE EXIT T/C
SENSOR LOCATIONS:	TOP OF CORE EXIT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	THIS VALUE IS DERIVED BY WESTINGHOUSE INADEQUATE MONITOR (ICCM).

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	PRZR LEVEL
POINT ID:	C1P0300
PLANT SPEC POINT DESC:	PRESSURIZER LEVEL, BEST ESTIMATE
GENERIC/COND DESC:	PRIMARY SYSTEM PRESSURIZER LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	1% = 125 GALLONS
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TNKBOT
REFERENCE POINT NOTES:	0% = 80 CUBIC FEET RESIDUAL VOLUME
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	LEVEL IN CYLINDRICAL PORTION OF PRZR
ALARM/TRIP SETPOINTS:	92% = HIGH ; 17% = LOW
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	THIS POINT WAS P1470

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	RCS CHG/MU
POINT ID:	C1P0966
PLANT SPEC POINT DESC:	CHARGING FLOW, ONE MINUTE AVERAGE
GENERIC/COND DESC:	PRIMARY SYSTEM CHARGING FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	200
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	1
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	BEFORE CHARGING/SEAL FLOW SPLIT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	FLOW INCLUDES BOTH NORMAL RCS CHARGING & RCP SEAL WATER FLOW. PUMP MINIFLOW NOT INCLUDED.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	REA VES LEV
POINT ID:	C1P0180
PLANT SPEC POINT DESC:	RVLIS TRAIN A LEVEL
GENERIC/COND DESC:	REACTOR VESSEL WATER LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	54% = TOP OF FUEL = 22 FEET
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	120
ZERO POINT REFERENCE:	TNKBOT
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	2
HOW PROCESSED:	VALUE SET TO -9999 IF ANY RCP'S ON
SENSOR LOCATIONS:	BOT & TOP OF VESSEL & HOT LEG LOOP A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	WAS P0162 & P0164. NEW POINT USES UPPER AND LOWER RANGE SENSORS.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	REA VES LEV
POINT ID:	C1P0181
PLANT SPEC POINT DESC:	RVLIS TRAIN B LEVEL
GENERIC/COND DESC:	REACTOR VESSEL WATER LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	54% = TOP OF FUEL = 22 FEET
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	120
ZERO POINT REFERENCE:	TNKBOT
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	2
HOW PROCESSED:	VALUE SET TO -9999 IF ANY RCP'S ON
SENSOR LOCATIONS:	BOT & TOP OF VESSEL & HOT LEG LOOP C
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	WAS P0163 & P0165. NEW POINT USES UPPER AND LOWER RANGE SENSORS.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CORE FLOW
POINT ID:	C1P1420
PLANT SPEC POINT DESC:	NC LOOP A COOLANT FLOW, BEST EST.
GENERIC/COND DESC:	TOTAL REACTOR COOLANT FLOW
ANALOG/DIGITAL:	P
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	36 MLB/HR = FULL FLOW
MINIMUM INSTR RANGE:	RNGE VARIS
MAXIMUM INSTR RANGE:	W/EACH DEV
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	ELBOW TAPS ON RCS
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	AVERAGES THE 3 ELBOW TAPS AND CONVERTS TO MASS FLOW USING RCS PRESSURE AND TEMPERATURE.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CORE FLOW
POINT ID:	C1P1421
PLANT SPEC POINT DESC:	NC LOOP B COOLANT FLOW BEST EST
GENERIC/COND DESC:	TOTAL REACTOR COOLANT FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	36 MLB/HR = FULL FLOW
MINIMUM INSTR RANGE:	RNGE VARIS
MAXIMUM INSTR RANGE:	W/EACH DEV
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	ELBOW TAPS ON RCS
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	AVERAGES THE 3 ELBOW TAPS AND CONVERTS TO MASS FLOW USING RCS PRESSURE AND TEMPERATURE.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CORE FLOW
POINT ID:	C1P1422
PLANT SPEC POINT DESC:	NC LOOP C COOLANT FLOW, BEST EST
GENERIC/COND DESC:	TOTAL REACTOR COOLANT FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	36 MLB/HR = FULL FLOW
MINIMUM INSTR RANGE:	RNGE VARIS
MAXIMUM INSTR RANGE:	W/EACH DEV
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	ELBOW TAPS ON RCS
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	AVERAGES THE 3 ELBOW TAPS AND CONVERTS TO MASS FLOW USING RCS PRESSURE AND TEMPERATURE.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CORE FLOW
POINT ID:	C1P1423
PLANT SPEC POINT DESC:	NC LOOP D COOLANT FLOW, BEST EST
GENERIC/COND DESC:	TOTAL REACTOR COOLANT FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	36 MLB/HR = FULL FLOW
MINIMUM INSTR RANGE:	RNGE VARIS
MAXIMUM INSTR RANGE:	W/EACH DEV
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	ELBOW TAPS ON RCS
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	AVERAGES THE 3 ELBOW TAPS AND CONVERTS TO MASS FLOW USING RCS PRESSURE AND TEMPERATURE.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	NI SOURC RNG
POINT ID:	C1A1500
PLANT SPEC POINT DESC:	SOURCE RANGE LEVEL CHANNEL 1
GENERIC/COND DESC:	NUCLEAR INSTRUMENTS SOURCE RANGE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	1E6
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	CORE BASKET AT 0 DEG
ALARM/TRIP SETPOINTS:	1E5 - HIGH
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	1E-10 AMPS
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	1E-10 AMPS
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	NI SOURC RNG
POINT ID:	C1A1506
PLANT SPEC POINT DESC:	SOURCE RANGE LEVEL CHANNEL 2
GENERIC/COND DESC:	NUCLEAR INSTRUMENTS SOURCE RANGE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	1E3
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	CORE BASKET AT 180 DEG
ALARM/TRIP SETPOINTS:	1E5 - HIGH
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	1E-10 AMPS
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	1E-10 AMPS
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	NI INTER RNG
POINT ID:	C1A0766
PLANT SPEC POINT DESC:	N-35 INTERMEDIATE RANGE LEVEL
GENERIC/COND DESC:	NUCLEAR INSTRUMENTS, INTER RANGE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	AMPS
ENGR UNITS CONVERSION:	25% = 1E-4 AMPS
MINIMUM INSTR RANGE:	1E-11
MAXIMUM INSTR RANGE:	1E-3
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	CORE BASKET AT 0 DEG
ALARM/TRIP SETPOINTS:	25% - HIGH
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	NI INTER RNG
POINT ID:	C1A0767
PLANT SPEC POINT DESC:	N-36 INTERMEDIATE RANGE LEVEL
GENERIC/COND DESC:	NUCLEAR INSTRUMENTS, INTER RANGE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	AMPS
ENGR UNITS CONVERSION:	25% = 1E-4 AMPS
MINIMUM INSTR RANGE:	1E-11
MAXIMUM INSTR RANGE:	1E-3
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	CORE BASKET AT 180 DEG
ALARM/TRIP SETPOINTS:	25% - HIGH
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	NI POWER RNG
POINT ID:	C1P0738
PLANT SPEC POINT DESC:	POWER RANGE AVG LEVEL AVG
GENERIC/COND DESC:	NUCLEAR INSTRUMENTS/POWER RANGE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	120
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	4
HOW PROCESSED:	AVG OF ALL P/R CHANNELS
SENSOR LOCATIONS:	CORE BASKET 45, 135, 225, 315 DEGS
ALARM/TRIP SETPOINTS:	109% - HIGH
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG PRESS 1/A
POINT ID:	C1P1478
PLANT SPEC POINT DESC:	MAIN STEAM PRESSURE A
GENERIC/COND DESC:	STEAM GENERATOR A PRESSURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	PSIA
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	15
MAXIMUM INSTR RANGE:	1315
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	OUTLET OF STEAM GENERATOR A
ALARM/TRIP SETPOINTS:	775 PSIG - LOW
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG PRESS 2/B
POINT ID:	C1P1479
PLANT SPEC POINT DESC:	MAIN STEAM PRESSURE B
GENERIC/COND DESC:	STEAM GENERATOR B PRESSURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	PSIA
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	15
MAXIMUM INSTR RANGE:	1315
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	OUTLET OF STEAM GENERATOR B
ALARM/TRIP SETPOINTS:	775 PSIG - LOW
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG PRESS 3/C
POINT ID:	C1P1480
PLANT SPEC POINT DESC:	MAIN STEAM PRESSURE C
GENERIC/COND DESC:	STEAM GENERATOR C PRESSURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	PSIA
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	15
MAXIMUM INSTR RANGE:	1215
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	OUTLET OF STEAM GENERATOR C
ALARM/TRIP SETPOINTS:	775 PSIG - LOW
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG PRESS 4/D
POINT ID:	C1P1481
PLANT SPEC POINT DESC:	MAIN STEAM PRESSURE D
GENERIC/COND DESC:	STEAM GENERATOR D PRESSURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	PSIA
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	15
MAXIMUM INSTR RANGE:	1315
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	OUTLET OF STEAM GENERATOR D
ALARM/TRIP SETPOINTS:	775 PSIG - LOW
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG LEVEL 1/A
POINT ID:	C1A0674
PLANT SPEC POINT DESC:	S/G A WIDE RANGE LEVEL
GENERIC/COND DESC:	STEAM GENERATOR A WATER LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	100% = 607 INCHES ABOVE TUBESHEET
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TUBSHT
REFERENCE POINT NOTES:	0% = 7 INCHES ABOVE TUBESHEET
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	TUBESHEET
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG LEVEL 2/B
POINT ID:	C1A0680
PLANT SPEC POINT DESC:	S/G B WIDE RANGE LEVEL
GENERIC/COND DESC:	STEAM GENERATOR B WATER LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	100% = 607 INCHES ABOVE TUBESHEET
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TUBSHT
REFERENCE POINT NOTES:	0% = 7 INCHES ABOVE TUBESHEET
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	TUBESHEET
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG LEVEL 3/C
POINT ID:	C1A0686
PLANT SPEC POINT DESC:	S/G C WIDE RANGE LEVEL
GENERIC/COND DESC:	STEAM GENERATOR C WATER LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	100% = 607 INCHES ABOVE TUBESHEET
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TUBSHT
REFERENCE POINT NOTES:	0% = 7 INCHES ABOVE TUBESHEET
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	TUBESHEET
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	N
COMPENSATION FOR DP	
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG LEVEL 4/D
POINT ID:	C1A0692
PLANT SPEC POINT DESC:	S/G D WIDE RANGE LEVEL
GENERIC/COND DESC:	STEAM GENERATOR D WATER LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	100% = 607 INCHES ABOVE TUBESHEET
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TUBSHT
REFERENCE POINT NOTES:	0% = 7 INCHES ABOVE TUBESHEET
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	TUBESHEET
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MN FD FL 1/A
POINT ID:	C1P0154
PLANT SPEC POINT DESC:	S/G A FEEDWATER FLOW CH1
GENERIC/COND DESC:	STM GEN A MAIN FEEDWATER FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	4.564
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	FLOW CALC USING D/P, P, AND T
SENSOR LOCATIONS:	VENTURI ON FEEDWATER LINE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MN FD FL 2/B
POINT ID:	C1P0156
PLANT SPEC POINT DESC:	S/G B FEEDWATER FLOW CH1
GENERIC/COND DESC:	STM GEN B MAIN FEEDWATER FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	4.564
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	FLOW CALC USING D/P,T,AND P
SENSOR LOCATIONS:	VENTURI ON FEEDWATER LINE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/95
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MN FD FL 3/C
POINT ID:	C1P0158
PLANT SPEC POINT DESC:	S/G C FEEDWATER FLOW CH 1
GENERIC/COND DESC:	STM GEN C MAIN FEEDWATER FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	4.564
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	FLOW CALC USING D/P, P, AND T
SENSOR LOCATIONS:	VENTURI ON FEEDWATER LINE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MN FD FL 4/D
POINT ID:	C1P0160
PLANT SPEC POINT DESC:	S/G D FEEDWATER FLOW CH1
GENERIC/COND DESC:	STM GEN D MAIN FEEDWATER FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MLB/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	4/564
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	3
HOW PROCESSED:	FLOW CALC USING D/P,P, AND T
SENSOR LOCATIONS:	VENTURI ON FEEDWATER LINE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	AX FD FL 1/A
POINT ID:	C1A0974
PLANT SPEC POINT DESC:	CA FLOW TO S/G A (0 TO 600 GPM)
GENERIC/COND DESC:	STM GEN A AUXILIARY FW FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	600
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAM GENERATOR UPPER NOZZLE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LE3:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	AX FD FL 2/B
POINT ID:	C1A0975
PLANT SPEC POINT DESC:	CA FLOW TO S/G B (0 TO 600 GPM)
GENERIC/COND DESC:	STM GEN B AUXILIARY FW FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	600
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAM GENERATOR UPPER NOZZLE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	AX FD FL 3/C
POINT ID:	C1A0976
PLANT SPEC POINT DESC:	CA FLOW TO S/G C (0 TO 600 GPM)
GENERIC/COND DESC:	STM GEN C AUXILIARY FW FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	600
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAM GENERATOR UPPER NOZZLE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
N/I C ERDS PARAMETER:	AX FD FL 4/D
POINT ID:	C1A0977
PLANT SPEC POINT DESC:	CA FLOW TO S/G D (0 TO 600 GPM)
GENERIC/COND DESC:	STM GEN D AUXILIARY FW FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	600
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAM GENERATOR UPPER NOZZLE
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	HP SI FLOW
POINT ID:	C1P0968
PLANT SPEC POINT DESC:	CCP SI FLOW ONE MINUTE AVG
GENERIC/COND DESC:	HIGH PRESS SAFETY INJECTION FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	1000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	1
HOW PROCESSED:	1 MIN AVG
SENSOR LOCATIONS:	SI LINE TO COLD LEG FROM CENT CHARG PUMP
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	INT SI FLOW
POINT ID:	C1A1512
PLANT SPEC POINT DESC:	NI PUMP A INJECTION FLOW
GENERIC/COND DESC:	INTERMDIATE PRES SAFETY INJ FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	800
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	DISCHARGE OF PUMP A AFTER RECIRC.
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	INT SI FLOW
POINT ID:	C1A1518
PLANT SPEC POINT DESC:	NI PUMP B INJECTION FLOW
GENER/C/COND DESC:	INTREMDIATE PRES SAFETY INJ FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	800
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	DISCHARGE OF PUMP B AFTER RECIRC
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	LP SI FLOW
POINT ID:	C1A0902
PLANT SPEC POINT DESC:	ND TRAIN A INJ. FLOW TO NC C & D COLD LE
GENERIC/COND DESC:	LOW PRESSURE SAFETY INJ FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	4500
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	COMMON LINE TO RCS LOOP C & D COLD LEGS
ALARM/TRIP SETPOINTS:	LOW - 500 GPM
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	LP SI FLOW
POINT ID:	C1A0908
PLANT SPEC POINT DESC:	ND TRAIN B INJ. FLOW TO NC A & B COLD LE
GENERIC/COND DESC:	LOW PRESSURE SAFETY INJ FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	4500
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	COMMON LINE TO RCS LOOP A & B COLD LEGS
ALARM/TRIP SETPOINTS:	LOW - 500 GPM
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	BWST LEVEL
POINT ID:	C1P1912
PLANT SPEC POINT DESC:	AVERAGE FWST LEVEL
GENERIC/COND DESC:	BORATED WATER STORAGE TANK LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	3770 GALLONS / %
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TNKBOT
REFERENCE POINT NOTES:	0% = 20 INCHES = 15,500 GALLONS
PROC OR SENS:	P
NUMBER OF SENSOR:	4
HOW PROCESSED:	AVG
SENSOR LOCATIONS:	FROM 20" ABOVE BOTTOM TO TOP OF TANK
ALARM/TRIP SETPOINTS:	11% - LOW
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	WET
UNIQUE SYSTEM DESC.:	REPLACES A1250. AVERAGES C1A1262, C1A1268, C1A1250, AND C1A1256.

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CTMNT PRESS
POINT ID:	C1A1499
PLANT SPEC POINT DESC:	CONT W/R PRESS TRN A (-5 TO 60 PSIG)
GENERIC/COND DESC:	CONTAINMENT PRESSURE
ANALOG/DIGITAL:	A
ENGR UN'TS/DIG STATES:	PSIG
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	-5
MAXIMUM INSTR RANGE:	60
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	LOWER REGION OF ICE CONDENSER CONT
ALARM/TRIP SETPOINTS:	1.2 PSIG - HIGH
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CTMNT PRESS
POINT ID:	C1A1515
PLANT SPEC POINT DESC:	CONT W/R PRESSURE TRN B (-5 TO 60 PSIG)
GENERIC/COND DESC:	CONTAINMENT PRESSURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	PSIG
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	-5
MAXIMUM INSTR RANGE:	60
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	LOWER REGION OF ICE CONDENSER CONT
ALARM/TRIP SETPOINTS:	1.2 PSIG - HIGH
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CTMNT TEMP
POINT ID:	C1P1500
PLANT SPEC POINT DESC:	UPPER CONT AVG TEMP-OPERATING UNITS
GENERIC/COND DESC:	CONTAINMENT TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	40
MAXIMUM INSTR RANGE:	200
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	8
HOW PROCESSED:	AVG OF UP TO 4 TEMPS IF VENT UNIT IS ON
SENSOR LOCATIONS:	INLET TO UPPER CONTAINMENT VENT UNIT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CTMNT TEMP
POINT ID:	C1P1501
PLANT SPEC POINT DESC:	LOWER CONT AVG TEMP-OPERATING UNITS
GENERIC/COND DESC:	CONTAINMENT TEMPERATURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	40
MAXIMUM INSTR RANGE:	400
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	8
HOW PROCESSED:	AVG OF UP TO 4 TEMPS IF VENT UNIT IS ON
SENSOR LOCATIONS:	INLET TO LOWER CONTAINMENT VENT UNIT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
FWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	H2 CONC
POINT ID:	C1A0939
PLANT SPEC POINT DESC:	CONTAINMENT HYDROGEN CONCENTRATION TRN A
GENERIC/COND DESC:	CONT HYDROGEN CONCENTRATION
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	DRY CONCENTRATION
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	30
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	A TRAIN HYDROGEN ANALYZER
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	IT CAN SAMPLE FROM ANY ONE OR ALL OF THE FOLLOWING LOCATIONS: 1) UPPER CONTAINMENT 2) S/G B CAVITY 3) OPERATIONAL LEVEL

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	H2 CONC
POINT ID:	C1A0945
PLANT SPEC POINT DESC:	CONTAINMENT HYDROGEN CONCENTRATION TRN B
GENERIC/COND DESC:	CONT HYDROGEN CONCENTRATION
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	DRY CONCENTRATION
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	30
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	B TRAIN HYDROGEN ANALYZER
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	IT CAN SAMPLE FROM ANY ONE OR ALL OF THE FOLLOWING LOCATIONS: 1) UPPER CONTAINMENT 2) S/G B CAVITY 3) OPERATIONAL LEVEL

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CTMNT SMP WR
POINT ID:	C1A1418
PLANT SPEC POINT DESC:	CONTAINMENT SUMP LEVEL A
GENERIC/COND DESC:	CONTAINMENT SUMP WIDE RNG LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	FT
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0.5
MAXIMUM INSTR RANGE:	20.5
ZERO POINT REFERENCE:	CNTFLR
REFERENCE POINT NOTES:	50,000 GALLONS/FT; 0 FT = 40,000 GALLONS
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	SUMP IN BOTTOM OF CONTAINMENT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CTMNT SMP WR
POINT ID:	C1A1424
PLANT SPEC POINT DESC:	CONTAINMENT SUMP LEVEL B
GENERIC/COND DESC:	CINTAINMENT SUMP WIDE RNG LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	FT
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0.5
MAXIMUM INSTR RANGE:	20.5
ZERO POINT REFERENCE:	CNTFLR
REFERENCE POINT NOTES:	50,000 GALLONS/FT; 0 FT = 40,000 GALLONS
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	SUMP IN BOTTOM OF CONTAINMENT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	RCS LTDN RAD
POINT ID:	C1E0254
PLANT SPEC POINT DESC:	EMF48 REACTOR COOLANT MONITOR
GENERIC/COND DESC:	RAD LEVEL OF THE RCS LETDWN LINE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	ISOLATES ON ST (PHASE A) SIGNAL
MINIMUM INSTR RANGE:	-1
MAXIMUM INSTR RANGE:	1E7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	4
HOW PROCESSED:	SET INVALID IF CONTAINMENT ISOLATED
SENSOR LOCATIONS:	RCS LOOP A & C HOTLEG
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES P0128. DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CNTMNT RAD
POINT ID:	C1A1308
PLANT SPEC POINT DESC:	EMF53A CONT HIGH RANGE MONITOR TRAIN A
GENERIC/COND DESC:	RADIATION LEVEL IN THE CONT
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	R/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E0
MAXIMUM INSTR RANGE:	1E8
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	LOWER CONTAINMENT NEAR RCS LOOP C HOTLEG
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	CNTMNT RAD
POINT ID:	C1A1314
PLANT SPEC POINT DESC:	EMF53B CONT HIGH RANGE MONITOR TRAIN B
GENERIC/COND DESC:	RADIATION LEVEL IN THE CONT
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	R/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E0
MAXIMUM INSTR RANGE:	1E8
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	LOWER CONTAINMENT NEAR RCS LOOP D HOTLEG
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DE3C.:	N/A

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	COND A/E RAD
POINT ID:	C1E0111
PLANT SPEC POINT DESC:	EMF33 CONDENSER AIR EJECTOR EXHAUST
GENERIC/COND DESC:	COND AIR EJECTOR RADIOACTIVITY
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E1
MAXIMUM INSTR RANGE:	1E7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	MEASURES EXHAUST OF 3 COND AIR EJECTORS
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACED A1410 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	EFF GAS RAD
POINT ID:	C1E0135
PLANT SPEC POINT DESC:	EMF36L UNIT VENT GAS MONITOR
GENERIC/COND DESC:	RADIOACTIVITY OF RELEASED GAS
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	XE133 CORREL FACTOR = 2.7E7 CPM/uCi mL
MINIMUM INSTR RANGE:	1E1
MAXIMUM INSTR RANGE:	1E7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	UNIT VENT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A0013. DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	EFF GAS RAD
POINT ID:	C1E0131
PLANT SPEC POINT DESC:	EMF36H UNIT VENT GAS MONITOR
GENERIC/COND DESC:	RADIOACTIVITY OF RELEASED GAS
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E1
MAXIMUM INSTR RANGE:	1E6
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	UNIT VENT
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A0010 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	EFF LIQ RAD
POINT ID:	C1E0263
PLANT SPEC POINT DESC:	EMF49L WASTE LIQUID DISCHARGE
GENERIC/COND DESC:	RADIOACTIVITY OF RELEASED LIQUID
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E1
MAXIMUM INSTR RANGE:	1E7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	DISCHARGE LINE FROM LIQUID WASTE SYSTEM
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A0036 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	EFF LIQ RAD
POINT ID:	C1E0259
PLANT SPEC POINT DESC:	EMF49H WASTE LIQUID DISCHARGE
GENERIC/COND DESC:	RADIOACTIVITY OF RELEASED LIQUID
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E1
MAXIMUM INSTR RANGE:	1E7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	DISCHARGE LINE FROM LIQUID WASTE SYSTEM
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A0042 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MAIN SL 1/A
POINT ID:	C1E0088
PLANT SPEC POINT DESC:	EMF26 STEAMLINE A RADIATION MONITOR
GENERIC/COND DESC:	STM GEN A STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	.1
MAXIMUM INSTR RANGE:	10000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAMLINE A AFTER EXITING CONT BLDG
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A1008 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MAIN SL 2/B
POINT ID:	C1E0092
PLANT SPEC POINT DESC:	EMF27 STEAMLINE B RADIATION MONITOR
GENERIC/COND DESC:	STM GEN B STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	.1
MAXIMUM INSTR RANGE:	10000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAMLINE B AFTER EXITING CONT BLDG
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A1014 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MAIN SL 3/C
POINT ID:	C1E0097
PLANT SPEC POINT DESC:	EMF28 STEAMLINE C RADIATION MONITOR
GENERIC/COND DESC:	STM GEN C STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	.1
MAXIMUM INSTR RANGE:	10000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAMLINE C AFTER EXITING CONT BLDG
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A1020 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MAIN SL 4/D
POINT ID:	C1E0102
PLANT SPEC POINT DESC:	EMF29 STEAMLINE D RADIATION MONITOR
GENERIC/COND DESC:	STM GEN D STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1
MAXIMUM INSTR RANGE:	10000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	STEAMLINE D AFTER EXITING CONT BLDG
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A1026 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	SG BD RAD
POINT ID:	C1E0115
PLANT SPEC POINT DESC:	EMF34H STEAM GENERATOR WATER SAMPLE HIGH
GENERIC/COND DESC:	STM GEN BLOWDOWN RAD LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E1
MAXIMUM INSTR RANGE:	1E6
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	COMMON SAMPLING LINE FROM ALL 4 S/G
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES A0930 DATA FROM RADIATION MONITORING SYSTEM INTERFACE

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	WIND SPEED
POINT ID:	C1P0251D2
PLANT SPEC POINT DESC:	UPPER WINDSPEED 15 MIN RUN AVG
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
MAXIMUM INSTR RANGE:	60
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	1
HOW PROCESSED:	15 MIN RUNNING AVG
SENSOR LOCATIONS:	METEOROLOGICAL TOWER
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY	N/A
CUT-OFF POWER LEVEL:	
NI DETECTOR POWER SUPPLY	N/A
TURNON POWER LEVEL:	
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE	Y
COMPENSATION FOR DP	
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES P0251 DATALINKED FROM UNIT 2 COMPUTER

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	WIND DIR
POINT ID:	C1P0250D2
PLANT SPEC POINT DESC:	UPPER WIND DIRECTION 15 MIN RUN AVG
GENERIC/COND DESC:	WIND DIRECT AT THE REACTOR SITE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEG
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	540
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	1
HOW PROCESSED:	15 MIN RUNNING AVG
SENSOR LOCATIONS:	METEOROLOGICAL TOWER
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES P0250 DATALINKED FROM UNIT 2 COMPUTER

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	STABCLASS
POINT ID:	C1P0254D2
PLANT SPEC POINT DESC:	AMB AIR D/T ELE 660 & 827 15 MIN RUN AVG
GENERIC/COND DESC:	AIR STABILITY AT REACTOR SITE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGC
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	-4
MAXIMUM INSTR RANGE:	+8
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSOR:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	METEOROLOGICAL TOWER
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP	Y
REF_LEG:	N/A
UNIQUE SYSTEM DESC.:	REPLACES P0254 DATALINKED FROM UNIT 2 COMPUTER

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4333
PLANT SPEC POINT DESC:	SPDS SUBCRITICALITY CSF TREE STATUS
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	
PROC OR SENS:	P
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4338
PLANT SPEC POINT DESC:	SPDS CORE COOLING CSF TREE STATUS
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	
PROC OR SENS:	P
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4343
PLANT SPEC POINT DESC:	SPDS HEAT SINK CSF TREE STATUS
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4348
PLANT SPEC POINT DESC:	SPDS NC INTEGRITY CSF TREE STAT
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4353
PLANT SPEC POINT DESC:	SPDS CONTAINMENT INTEGRITY CSF TREE STAT
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	A
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4358
PLANT SPEC POINT DESC:	SPDS NC INVENTORY CSF TREE STATUS
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	N
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4771
PLANT SPEC POINT DESC:	SPDS ND FLOW CSF TREE STATUS
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)

Catawba Nuclear Station
Emergency Response Data System (ERDS) Implementation
PWR DATA POINT REFERENCE FILE

DATE:	05/13/96
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	
POINT ID:	C1Q4776
PLANT SPEC POINT DESC:	SPDS RADIATION CSF TREE STATUS
GENERIC/COND DESC:	NOT LISTED
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STATUS
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	15
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSOR:	
HOW PROCESSED:	LOGIC
SENSOR LOCATIONS:	N/A
ALARM/TRIP SETPOINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURNON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP	N
REF_LEG:	N
UNIQUE SYSTEM DESC.:	MULTI-STATE DIGITAL POINT, INTEGER VALUE 0-15 REPRESENTING STATUS. 0 = INVALID 4 = GREEN 8 = INVALID 12 = FLASH GREEN 1 = RED 5 = MAGENTA 9 = FLASH-RED 13 = FLASH MAGENTA 2 = ORANGE 6 = INVALID 10 = FLASH-ORANGE 14 = INVALID 3 = YELLOW 7 = INVALID 11 = FLASH YELLOW 15 = INVALID (FASH MEANS UNACKNOWLEDGED)