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DUKE POWER

April 1, 1993

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

Subject: Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
Emergency Response Data System
Data Point Library Revisions

Gentlemen:

Attached are nine pages which document revisions made to the Emergency Response Data System (ERDS) Data Point Library (DPL) for Catawba Units 1 and 2. Revisions are indicated by bars along the left margins. A majority of the revisions have already been incorporated into the NRC's ERDS online DPL. However, pages 8 and 9 contain recent changes that will require incorporation into the online database.

Should you have any questions concerning this material, please call R.G. Blessing at (803) 831-3857.

Very truly yours,

M.S. Tuckman

M.S. Tuckman

RGB

Attachment

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Document Control Desk

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xc: S.D. Ebnetter, Regional Administrator
Region II

W.T. Orders, Senior Resident Inspector

R.E. Martin
ONRR

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER	WIND DIR
POINT ID:	P0250
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 SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT1
DATA FEEDER:	N/A
NRC ERDS PARAMETER	STABCLASS
POINT ID:	P0254
PLANT SPEC POINT DESC.:	AMB AIR D/T ELE 662 & 762 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 SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT2
DATA FEEDER:	N/A
NRC ERDS PARAMETER	WIND DIR
POINT ID:	P0250
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 SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT2
DATA FEEDER:	N/A
NRC ERDS PARAMETER	STABCLASS
POINT ID:	P0254
PLANT SPEC POINT DESC.:	AMB AIR D/T ELE 662 & 762 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 SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT2
DATA FEEDER:	N/A
NRC ERDS PARAMETER	EFF LIQ RAD
POINT ID:	P1796
PLANT SPEC POINT DESC.:	EMP49H WASTE LIQUID DISCHARGE (DL)
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 SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT2
DATA FEEDER:	N/A
NRC ERDS PARAMETER	EFF LIQ RAD
POINT ID:	P1795
PLANT SPEC POINT DESC.:	EMF49L WASTE LIQUID DISCHARGE (DL)
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 SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT2
DATA FEEDER:	N/A
NRC ERDS PARAMETER	COND A/E RAD
PCINT ID:	A0918
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 SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT2
DATA FEEDER:	N/A
NRC ERDS PARAMETER	MAIN SL 2/B
POINT ID:	A1014
PLANT SPEC POINT DESC.:	EMF11 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:	1E-1
MAXIMUM INSTR RANGE:	1E+4
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A

Catawba Nuclear Station

Emergency Response Data System (ERDS) Implementation

PWR DATA POINT REFERENCE FILE

DATE:	03/30/93
REACTOR UNIT:	CT2
DATA FEEDER:	N/A
NRC ERDS PARAMETER	MAIN SL 3/C
POINT ID:	A1020
PLANT SPEC POINT DESC.:	EMF12 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:	1E-1
MAXIMUM INSTR RANGE:	1E+4
ZERO POINT REFERENCE:	N/A
REFEREN POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	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 TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	LOW
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC.:	N/A