CENTERIOR ENERGY

PERRY NUCLEAR POWER PLANT
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VICE PRESIDENT - NUCLEAR

February 11, 1994
PY-CEI/NRR-1751 L

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

Perry Nuclear Power Plant
Docket No. 50-440
Update to ERDS Data Point
Library and Communication Description

Gentlemen:

Attached are changes to the Emergency Response Data System (ERDS) Data Point Library (DPL) and the ERDS Communication Description for the Perry Nuclear Power Plant, Unit 1. The enclosed pages consist of updates to pages 51, 52, and 53 of the DPL which were previously submitted to the NRC by letter dated May 4, 1992 (PY-CEI/NRR-1487 L), and updates to pages 7 and 8 of the Communication Survey which were previously submitted to the NRC by letter dated October 22, 1991 (PY-CEI/NRR-1401 L). All changes have been identified by margin revision bars.

If you have questions, or require additional information, please contact Henry Hegrat - Regulatory Affairs, at (216) 280-5606.

Very truly yours,

RAS:BSF:cs

Attachment

cc: NRC Project Manager
NRC Resident Inspector Office
NRC Region III

Operating Companies
Cleveland Electric Illuminating
Toledo Edison

170004

A026
1/1

PERRY DATA POINT LIBRARY REFERENCE FILE

DATE:	1/27/94
REACTOR UNIT:	PY1
DATA FEEDER:	MET TOWER
NRC ERDS PARAMETER:	WIND SPEED
POINT ID:	D51MM001
PLANT DESCRIPTION:	10 METER WIND SPEED - MAIN
GENERIC DESCRIPTION:	WIND SPEED AT THE REACTOR SITE
ANALOG / DIGITAL:	A
ENGR UNITS / DIG STATE:	MPH
ENGR UNIT CONVERSION:	-
MINIMUM RANGE:	0
MAXIMUM RANGE:	99
ZERO POINT REF:	-
REF POINT NOTES:	-
PROC OR SENS:	P
NUMBER OF SENSORS:	2
HOW PROCESSED:	VALIDATED 15 MINUTE AVERAGE
SENSOR LOCATIONS:	MET TOWER
ALARM/TRIP SETPOINTS:	-
NI DETECTOR POWER SUPPLY CUT OFF LEVEL:	-
NI DETECTOR POWER SUPPLY TURN ON LEVEL:	-
INSTRUMENT FAILURE MODE:	HIGH 99.9
TEMP COMPENSATION:	-
LEVEL REFERENCE LEG:	-
UNIQUE SYSTEM DESCRIPTION:	-

PERRY DATA POINT LIBRARY REFERENCE FILE

DATE:	1/27/94
REACTOR UNIT:	PY1
DATA FEEDER:	MET TOWER
NRC ERDS PARAMETER:	WIND DIR
POINT ID:	D51MM002
PLANT DESCRIPTION:	10 METER WIND DIRECTION - MAIN
GENERIC DESCRIPTION:	WIND DIRECTION AT THE REACTOR SITE
ANALOG / DIGITAL:	A
ENGR UNITS / DIG STATE:	DEG
ENGR UNIT CONVERSION:	-
MINIMUM RANGE:	0
MAXIMUM RANGE:	360
ZERO POINT REF:	-
REF POINT NOTES:	-
PROC OR SENS:	P
NUMBER OF SENSORS:	2
HOW PROCESSED:	VALIDATED 15 MINUTE AVERAGE
SENSOR LOCATIONS:	MET TOWER
ALARM/TRIP SETPOINTS:	-
NI DETECTOR POWER SUPPLY CUT OFF LEVEL:	-
NI DETECTOR POWER SUPPLY TURN ON LEVEL:	-
INSTRUMENT FAILURE MODE:	HIGH 999.9
TEMP COMPENSATION:	-
LEVEL REFERENCE LEG:	-
UNIQUE SYSTEM DESCRIPTION:	-

PERRY DATA POINT LIBRARY REFERENCE FILE

DATE:	1/27/94
REACTOR UNIT:	PY1
DATA FEEDER:	MET TOWER
NRC ERDS PARAMETER:	STAB CLASS
POINT ID:	D51MM005
PLANT DESCRIPTION:	STABILITY CLASS
GENERIC DESCRIPTION:	AIR STABILITY AT THE REACTOR SITE
ANALOG / DIGITAL:	-
ENGR UNITS / DIG STATE:	STABI
ENGR UNIT CONVERSION:	-
MINIMUM RANGE:	1
MAXIMUM RANGE:	7
ZERO POINT REF:	-
REF POINT NOTES:	-
PROC OR SENS:	P
NUMBER OF SENSORS:	2
HOW PROCESSED:	15 MINUTE AVERAGE
SENSOR LOCATIONS:	MET TOWER
ALARM/TRIP SETPOINTS:	-
NI DETECTOR POWER SUPPLY CUT OFF LEVEL:	-
NI DETECTOR POWER SUPPLY TURN ON LEVEL:	-
INSTRUMENT FAILURE MODE:	-
TEMP COMPENSATION:	-
LEVEL REFERENCE LEG:	-
UNIQUE SYSTEM DESCRIPTION:	A = 1 = LEAST STABLE THRU G = 7 = MOST STABLE DELTA TEMP. (60 METER - 10 METER)

III. SELECTION OF DATA FEEDERS

A. How many data feeders are there (six maximum)?

ONE

This data feeder will collect data from two plant computers and then transmit the plant data to the NRC via modem.

B. Identify the selected data feeders and provide the following for each:

(1) a short description of the categories of data points it will provide (e.g. met, rad, or plant data points, by unit) and

(2) the rational for selecting it if another system can also provide its categories of data points.

(1) All required points except Oxygen Concentration and Intermediate Range Nuclear Instruments.

(2) New Integrated Computer System (ICS) that has the necessary resources to handle ERDS. The original computer that the Perry ERDS was located on is being removed from service.

C. Which data feeder is the site time determining feeder? This should be the feeder which is providing the majority of the data.

The new ICS (Integrated Computer System) will provide the time.

IV. DATA FEEDER INFORMATION

General Questions

1. Identification of Data Feeder

   a. What is the name in local parlance given to this data feeder (e.g. Emergency Response Information System)? Please give the acronym and the words forming it.

      ICS (Integrated Computer System)

   b. Is this the site time determining feeder?

      YES

   c. What is the update frequency of this feeder (in seconds)?

      Data will be updated every 60 seconds.

2. Hardware/Software Environment

   a. Identify the manufacturer and model number of the data feeder hardware.

      Digital Equipment Corp. VAX 7610

   b. Identify the operating system.

      VMS 5.5

   c. What method of timekeeping is implemented on this feeder system (Daylight Savings, Standard, Greenwich)?

      Daylight Savings

   d. In what time zone is this feeder located?

      Eastern