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Houston Lighting & Power

South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

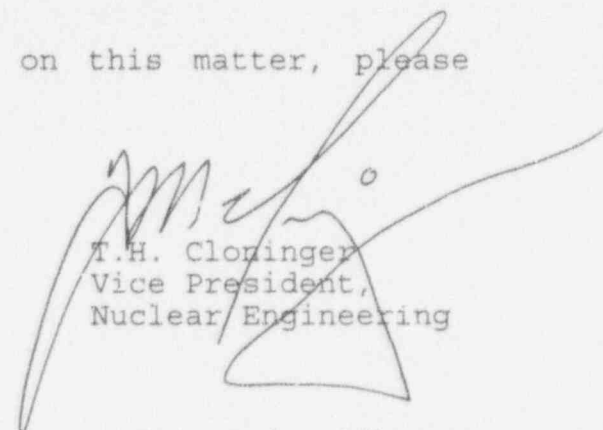
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
ERDS Data Point Library Change Submittal

The Emergency Response Data System (ERDS) Data Point Library (DPL) for South Texas Project (STP) Units 1 and 2 was submitted in ST-HL-AE-4028, dated March 5, 1992. The attached changes are submitted in accordance with the provisions of that letter as prescribed in 10 CFR Part 50, Appendix E, VI.3a and NUREG 1394, Rev. 1, Section 3.6.

If you should have any questions on this matter, please contact K.J. Taplett at (512) 972-8416.


T.H. Cloninger
Vice President,
Nuclear Engineering

DNB/pas

Attachments: Emergency Response Data System - Data Point Library
- Changes Installed September 27, 1994 (Replacement
Pages) for STP Unit 1 (ST1)

Emergency Response Data System - Data Point Library
- Changes Installed September 27, 1994 (Replacement
Pages) for STP Unit 2 (ST2)

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MISC-94/94-132-001

Project Manager on Behalf of the Participants in the South Texas Project

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Emergency Response Data System

Data Point Library
Changes Installed September 27, 1994
(Replacement Pages)

for STP Unit 1 (ST1)

Date	:	09/27/94
Reactor Unit	:	ST1
Data Feeder	:	1
NRC ERDS Parameter	:	NOT LISTED
Point ID	:	EMSU0001
Plant Spec Point Desc	:	PRI 10M WIND SPEED 15 MIN AVG
Generic/Cond Desc	:	WIND SPEED AT 10M REACTOR SITE
Analog/Digital	:	A
Engr Units/Dig States	:	MPH
Engr Units Conversion	:	N/A
Minimum Instr Range	:	0
Maximum Instr Range	:	100
Zero Point Reference	:	N/A
Reference Point Notes	:	N/A
PROC or SENS	:	S
Number of Sensors	:	1
How Processed	:	N/A
Sensor Locations	:	MET TOWER AT 10 METERS
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	:	
Temperature Compensation For DP Transmitters	:	*
Level Reference Leg	:	N/A
Unique System Desc	:	USES 15 MINUTE AVERAGES. DATALINK FROM MET COMPUTER AND RECEIVED BY ERFDADS EVERY 30 SECONDS. MOVE VALUE FROM EMSN0001.

Date : 09/27/94

Reactor Unit : ST1

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMSU0008

Plant Spec Point Desc : PRI 60M WIND SPEED 15 MIN AVG

Generic/Cond Desc : WIND SPEED AT 60M REACTOR SITE

Analog/Digital : A

Engr Units/Dig States : MPH

Engr Units Conversion : N/A

Minimum Instr Range : 0

Maximum Instr Range : 100

Zero Point Reference : N/A

Reference Point Notes : N/A

PROC or SENS : S

Number of Sensors : 1

How Processed : N/A

Sensor Locations : MET TOWER AT 60 METERS

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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMSN0008.

Date : 09/27/94

Reactor Unit : ST1

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMSU0009

Plant Spec Point Desc : PRI 60M WIND DIR 15 MIN AVG

Generic/Cond Desc : WIND DIR AT 60M 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 : S

Number of Sensors : 1

How Processed : N/A

Sensor Locations : MET TOWER AT 60 METERS

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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMSN0009. WIND DIRECTION USES "FROM"
CONVENTION.

Date : 09/27/94

Reactor Unit : ST1

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMTU0004

Plant Spec Point Desc : PRI DELTA TEMP 15 MIN AVG

Generic/Cond Desc : AIR STABILITY AT REACTOR SITE

Analog/Digital : A

Engr Units/Dig States : DEGF

Engr Units Conversion : N/A

Minimum Instr Range : -8

Maximum Instr Range : +12

Zero Point Reference : N/A

Reference Point Notes : N/A

PROC or SENS : P

Number of Sensors : 2

How Processed :

Sensor 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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMTN0004. ONE TEMPERATURE SENSOR AT
EACH ELEVATION. THE 10 METER
TEMPERATURE VALUE IS SUBTRACTED FROM
THE 60 METER TEMPERATURE VALUE IN THE
MET COMPUTER. THE RAW DELTA TEMPERATURE
CALCULATION IS BASED UPON DEGF PER 50
METER ELEVATION DIFFERENCE.

Date : 09/27/94

Reactor Unit : ST1

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMXU0002

Plant Spec Point Desc : PRI 10M WIND DIR 15 MIN AVG

Generic/Cond Desc : WIND DIR AT 10M 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 : S

Number of Sensors : 1

How Processed : N/A

Sensor Locations : MET TOWER AT 10 METERS

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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMXN0002. WIND DIRECTION USES "FROM"
CONVENTION.

Emergency Response Data System

Data Point Library
Changes Installed September 27, 1994
(Replacement Pages)

for STP Unit 2 (ST2)

Date : 09/27/94

Reactor Unit : ST2

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMSU0001

Plant Spec Point Desc : PRI 10M WIND SPEED 15 MIN AVG

Generic/Cond Desc : WIND SPEED AT 10M REACTOR SITE

Analog/Digital : A

Engr Units/Dig States : MPH

Engr Units Conversion : N/A

Minimum Instr Range : 0

Maximum Instr Range : 100

Zero Point Reference : N/A

Reference Point Notes : N/A

PROC or SENS : S

Number of Sensors : 1

How Processed : N/A

Sensor Locations : MET TOWER AT 10 METERS

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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMSN0001.

Date : 09/27/94

Reactor Unit : ST2

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMSU0008

Plant Spec Point Desc : PRI 60M WIND SPEED 15 MIN AVG

Generic/Cond Desc : WIND SPEED AT 60M REACTOR SITE

Analog/Digital : A

Engr Units/Dig States : MPH

Engr Units Conversion : N/A

Minimum Instr Range : 0

Maximum Instr Range : 100

Zero Point Reference : N/A

Reference Point Notes : N/A

PROC or SENS : S

Number of Sensors : 1

How Processed : N/A

Sensor Locations : MET TOWER AT 60 METERS

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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMSN0008.

Date : 09/27/94

Reactor Unit : ST2

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMSU0009

Plant Spec Point Desc : PRI 60M WIND DIR 15 MIN AVG

Generic/Cond Desc : WIND DIR AT 60M 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 : S

Number of Sensors : 1

How Processed : N/A

Sensor Locations : MET TOWER AT 60 METERS

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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMSN0009. WIND DIRECTION USES "FROM"
CONVENTION.

Date : 09/27/94

Reactor Unit : ST2

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMTU0004

Plant Spec Point Desc : PRI DELTA TEMP 15 MIN AVG

Generic/Cond Desc : AIR STABILITY AT REACTOR SITE

Analog/Digital : A

Engr Units/Dig States : DEGF

Engr Units Conversion : N/A

Minimum Instr Range : -8

Maximum Instr Range : +12

Zero Point Reference : N/A

Reference Point Notes : N/A

PROC or SENS : P

Number of Sensors : 2

How Processed :

Sensor 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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK FROM
MET COMPUTER AND RECEIVED BY ERFDADS
EVERY 30 SECONDS. MOVE VALUE FROM
EMTN0004. ONE TEMPERATURE SENSOR AT
EACH ELEVATION. THE 10 METER
TEMPERATURE VALUE IS SUBTRACTED FROM
THE 60 METER TEMPERATURE VALUE IN THE
MET COMPUTER. THE RAW DELTA TEMPERATURE
CALCULATION IS BASED UPON DEGF PER 50
METER ELEVATION DIFFERENCE.

Date : 09/27/94

Reactor Unit : ST2

Data Feeder : 1

NRC ERDS Parameter : NOT LISTED

Point ID : EMXU0002

Plant Spec Point Desc : PRI 10M WIND DIR 15 MIN AVG

Generic/Cond Desc : WIND DIR AT 10M 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 : S

Number of Sensors : 1

How Processed : N/A

Sensor Locations : MET TOWER AT 10 METERS

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 :

Temperature Compensation
For DP Transmitters : *

Level Reference Leg : N/A

Unique System Desc : USES 15 MINUTE AVERAGES. DATALINK
FROM MET COMPUTER AND RECEIVED BY
ERFDADS EVERY 30 SECONDS. MOVE VALUE
FROM EMXN0002. WIND DIRECTION USES
"FROM" CONVENTION.