

## ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9203040295

DOC. DATE: 92/02/28

NOTARIZED: NO

DOCKET #

FACIL: 50-244

AUTH. NAME

AUTHOR AFFILIATION

MECREDY, R.C.

Rochester Gas &amp; Electric Corp.

RECIP. NAME

RECIPIENT AFFILIATION

JOHNSON, A.R.

Project Directorate I-3

SUBJECT: Forwards Emergency Response Data Sys (ERDS) Data Point  
Library sheets. Requests that NRC provide computer modem for  
PPCS no later than 920501, in order to meet scheduled  
installation date for hardware.

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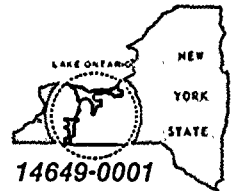
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ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER N.Y. 14649-0001



ROBERT C. MECREDY  
Vice President  
Ginna Nuclear Production

TELEPHONE  
AREA CODE 716 546-2700

February 28, 1992

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Attn: Allen R. Johnson  
Project Directorate I-3  
Washington, D.C. 20555

Subject: Emergency Response Data System (ERDS)  
Submittal of Data point Library (DPL) Sheets  
R.E. Ginna Nuclear Power Plant  
Docket No. 50-244

Ref. (a) Letter from R. C. Mecredy, RG&E, to Allen Johnson, NRC,  
Subject: Response to Emergency Response Data System  
(ERDS), dated 10/28/91

(b) NUREG-1394, Rev. 1, Emergency Response Data System  
Implementation, June 1991

Dear Mr. Johnson:

Enclosed are the Emergency Response Data System (ERDS) Data Point Library (DPL) sheets for the parameters selected by RG&E as indicated in our reference (a) submittal.

The data points have been selected using Appendix I of Reference (b). DPL sheets for all of the applicable parameters listed in Appendix E of reference (b) have been included. Other data points have also been included based upon consistency with our existing Plant Process Computer System (PPCS).

Attachment A provides an index of the parameters for which DPL sheets are provided. DPL sheets have been prepared using the format shown on page C-3 of reference (b).

In order to meet our scheduled installation date for hardware (ID#9 on attachment 1 to ref. (a)), we request that NRC provide the computer modem for the PPCS no later than May 1, 1992.

9203040295 920228  
PDR ADOCK 05000244  
F PDR

*Cent No  
PNA 8918 210  
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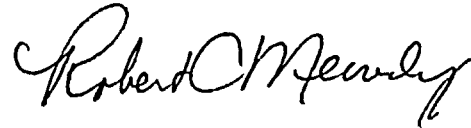
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If you have any questions relative to this information, please contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Robert C. Mecredy".

Robert C. Mecredy

GAH/213

xc: Mr. Allen R. Johnson (Mail Stop 14D1)  
Project Directorate I-3  
Washington, D.C. 20555

U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Ginna Senior Resident Inspector

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ATTACHMENT A

Index of Data Point Library Reference File  
(Plant Spec. Point Desc.)

Reactivity Control

AVERAGE NUCLEAR POWER  
INTERMEDIATE RANGE DETECTOR N-35  
INTERMEDIATE RANGE DETECTOR N-36  
SOURCE RANGE DETECTOR N-31

Core Cooling

REACTOR VESSEL AVERAGE LEVEL  
HOTTEST INCORE TC TEMPERATURE  
INCORE TC SUBCOOLED MARGIN  
REACTOR COOLANT LOOP A AVG FLOW  
REACTOR COOLANT LOOP B AVG FLOW

Steam Generators

STM GEN A WIDE RNG AVERAGE LEVEL  
STM GEN B WIDE RNG AVERAGE LEVEL  
STEAM GEN A AVERAGE PRESSURE  
STEAM GEN B AVERAGE PRESSURE  
STM GEN A AVERAGE FEEDWATER FLOW  
STM GEN B AVERAGE FEEDWATER FLOW  
S/G A TOTAL AUX FEEDWATER FLOW  
S/G B TOTAL AUX FEEDWATER FLOW  
RCL A HOT LEG TEMPERATURE  
RCL B HOT LEG TEMPERATURE  
RCL A COLD LEG TEMPERATURE  
RCL B COLD LEG TEMPERATURE

RCS Integrity

REACTOR COOLANT SYSTEM AVG PRESSURE  
PRESSURIZER AVERAGE LEVEL  
TOTAL CHARGING FLOW  
SAFETY INJECTION LOOP A AVG FLOW  
SAFETY INJECTION LOOP B AVG FLOW  
RESIDUAL HEAT REMOVAL LOOP FLOW  
CONTAINMENT SUMP A AVERAGE LEVEL  
SUMP B LEVEL 214 INCHES (TRAIN A)  
SUMP B LEVEL 180 INCHES (TRAIN A)  
SUMP B LEVEL 113 INCHES (TRAIN A)  
SUMP B LEVEL 78 INCHES (TRAIN A)  
SUMP B LEVEL 8 INCHES (TRAIN A)  
SUMP B LEVEL 214 INCHES (TRAIN B)  
SUMP B LEVEL 180 INCHES (TRAIN B)  
SUMP B LEVEL 113 INCHES (TRAIN B)  
SUMP B LEVEL 78 INCHES (TRAIN B)  
SUMP B LEVEL 8 INCHES (TRAIN B)

Radioactivity Control

LIQUID WASTE DISPOSAL MONITOR  
AREA 29 - CONTAINMENT HIGH RANGE  
CV VENT CHAN 5 - LOW RANGE GAS





CV VENT CHAN 7 - MID RANGE GAS  
CV VENT CHAN 9 - HIGH RANGE GAS  
PLANT VENT CHAN 5 - LOW RANGE GAS  
PLANT VENT CHAN 7 - MID RANGE GAS  
PLANT VENT CHAN 9 - HIGH RANGE GAS  
AREA 2 - CONTAINMENT  
AREA 9 - LETDOWN LINE MONITOR  
AIR EJECTOR CHAN 5 - LOW RANGE GAS  
AIR EJECTOR CHAN 7 - MID RANGE GAS  
AIR EJECTOR CHAN 9 - HI RANGE GAS  
AREA 31 STEAM LINE A (SPING)  
AREA 32 STEAM LINE B (SPING)  
STEAM GENERATOR BLOWDOWN DRAIN

Containment Conditions

CONTAINMENT AVERAGE PRESSURE  
CV BASEMENT LEVEL 6 FT TEMP #3  
CV INTERMEDIATE LVL 6 FT TEMP #7  
CV OPERATING LEVEL 6 FT TEMP #17  
CV HYDROGEN CONCENTRATION

Miscellaneous Parameters

REFUELING WATER STORAGE TANK LVL  
33 FOOT LEVEL WIND SPEED  
33 FOOT LEVEL WIND DIRECTION  
33 FOOT LEVEL TEMPERATURE  
250 FOOT LEVEL TEMPERATURE  
250 TO 33 FOOT LEVEL DELTA TEMP



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>NI POWER RANGE</u>
5) Plant Point ID:	<u>NP</u>
6) Plant Specific Point Description:	<u>AVERAGE NUCLEAR POWER</u>
7) Generic/Condensed Description:	<u>NUCLEAR INSTRUMENTS POWER RANGE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>%</u>
10) Engineering Units Conversion:	<u>NONE</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>120</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>4</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>NIS TUBES-CONTAINMENT REACTOR CAVITY</u>
19) Alarm/Trip Setpoints:	<u>108%</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>

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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>NI INTER RNG</u>
5) Plant Point ID:	<u>N36</u>
6) Plant Specific Point Description:	<u>INTERMEDIATE RANGE DETECTOR N-36</u>
7) Generic/Condensed Description:	<u>NUCLEAR INSTRUMENTS INTER RANGE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>AMPS</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>1.0E-11</u>
12) Max. Inst. Range:	<u>9.9E-4</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>NIS TUBES-CONTAINMENT REACTOR CAVITY</u>
19) Alarm/Trip Setpoints:	<u>2.5E-4</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>10E-10</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>5E-11</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>NI SOURCE RANGE</u>
5) Plant Point ID:	<u>N31</u>
6) Plant Specific Point Description:	<u>SOURCE RANGE DETECTOR N-31</u>
7) Generic/Condensed Description:	<u>NUCLEAR INSTRUMENTS SOURCE RANGE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>CPS</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>1.0E+0</u>
12) Max. Inst. Range:	<u>1.0E+6</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>NIS TUBES-CONTAINMENT REACTOR CAVITY</u>
19) Alarm/Trip Setpoints:	<u>1E+5</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>10E-10</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>5E-11</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>REAC VES LEV</u>
5) Plant Point ID:	<u>LRV</u>
6) Plant Specific Point Description:	<u>REACTOR VESSEL AVERAGE LEVEL</u>
7) Generic/Condensed Description:	<u>REACTOR VESSEL WATER LEVEL</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>%</u>
10) Engineering Units Conversion:	<u>1% = 4.69 INCHES</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>160</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>2</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT LEVEL</u>
19) Alarm/Trip Setpoints:	<u>9E+1</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>WET</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>TEMP CORE EX</u>
5) Plant Point ID:	<u>TCMAX</u>
6) Plant Specific Point Description:	<u>HOTTEST INCORE TC TEMPERATURE</u>
7) Generic/Condensed Description:	<u>HOTTEST TEMPERATURE AT CORE EXIT</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>DEGF</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>2300</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>36</u>
17) How Processed:	<u>HOTTEST OF 36 INCORE TC'S</u>
18) Sensor Locations:	<u>INSIDE REACTOR VESSEL</u>
19) Alarm/Trip Setpoints:	<u>TSAT</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>SUB MARGIN</u>
5) Plant Point ID:	<u>TSUBTC</u>
6) Plant Specific Point Description:	<u>INCORE TC SUBCOLLED MARGIN</u>
7) Generic/Condensed Description:	<u>SATURATION TEMP-HIGHEST CET</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>DEGF</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0E+3</u>
12) Max. Inst. Range:	<u>1.0E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>2</u>
17) How Processed:	<u>D/F</u>
18) Sensor Locations:	<u>CETS:INSIDE REAC VESSEL RCS PRESS:CV INT LEVEL</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CORE FLOW</u>
5) Plant Point ID:	<u>FRCLA</u>
6) Plant Specific Point Description:	<u>REACTOR COOLANT LOOP A AVG FLOW</u>
7) Generic/Condensed Description:	<u>TOTAL REACTOR COOLANT FLOW</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>%</u>
10) Engineering Units Conversion:	<u>1% = 900 GPM</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>110</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT BUILDING</u>
19) Alarm/Trip Setpoints:	<u>9.07E+1</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>





**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CORE FLOW</u>
5) Plant Point ID:	<u>FRCLB</u>
6) Plant Specific Point Description:	<u>REACTOR COOLANT LOOP B AVG FLOW</u>
7) Generic/Condensed Description:	<u>TOTAL REACTOR COOLANT FLOW</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>%</u>
10) Engineering Units Conversion:	<u>1% = 900 GPM</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>110</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT BUILDING</u>
19) Alarm/Trip Setpoints:	<u>9.07E+1</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>SG LEVEL 1/A</u>
5) Plant Point ID:	<u>LSGAWIDE</u>
6) Plant Specific Point Description:	<u>STM GEN A WIDE RNG AVERAGE LEVEL</u>
7) Generic/Condensed Description:	<u>STEAM GENERATOR A WATER LEVEL</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>INCHES</u>
10) Engineering Units Conversion:	<u>1% = 5.18 INCHES</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>520</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>ANG</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>4.68E+2</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>WET</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>SG LEVEL 2/B</u>
5) Plant Point ID:	<u>LSGBWIDE</u>
6) Plant Specific Point Description:	<u>STM GEN B WIDE RNG AVERAGE LEVEL</u>
7) Generic/Condensed Description:	<u>STEAM GENERATOR B WATER LEVEL</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>INCHES</u>
10) Engineering Units Conversion:	<u>1% = 5.18 INCHES</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>520</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>4.68E+2</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>WET</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>SG PRESS 1/A</u>
5) Plant Point ID:	<u>PSGA</u>
6) Plant Specific Point Description:	<u>STEAM GEN A AVERAGE PRESSURE</u>
7) Generic/Condensed Description:	<u>STEAM GENERATOR A PRESSURE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>PSIG</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.4E+3</u>
12) Max. Inst. Range:	<u>1.4E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>INTERMEDIATE BUILDING</u>
19) Alarm/Trip Setpoints:	<u>5.14E+2</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>SG PRESS 2/B</u>
5) Plant Point ID:	<u>PSGB</u>
6) Plant Specific Point Description:	<u>STM GEN B AVERAGE PRESSURE</u>
7) Generic/Condensed Description:	<u>STEAM GENERATOR B PRESSURE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>PSIG</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.4E+3</u>
12) Max. Inst. Range:	<u>1.4E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>INTERMEDIATE BUILDING</u>
19) Alarm/Trip Setpoints:	<u>5.14E+2</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>MN FD FL 1/A</u>
5) Plant Point ID:	<u>FFWA</u>
6) Plant Specific Point Description:	<u>STM GEN A AVERAGE FEEDWATER FLOW</u>
7) Generic/Condensed Description:	<u>STM GEN A MAIN FEEDWATER FLOW</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>KLB/HR</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.9E-1</u>
12) Max. Inst. Range:	<u>3.8E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>INTERMEDIATE BUILDING</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>MN FD FL 2/B</u>
5) Plant Point ID:	<u>FFWB</u>
6) Plant Specific Point Description:	<u>STM GEN B AVERAGE FEEDWATER FLOW</u>
7) Generic/Condensed Description:	<u>STM GEN B MAIN FEEDWATER FLOW</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>KLB/HR</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.9E-1</u>
12) Max. Inst. Range:	<u>3.8E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>INTERMEDIATE BUILDING</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>AX FD FL 1/A</u>
5) Plant Point ID:	<u>FAUXFWA</u>
6) Plant Specific Point Description:	<u>S/G A TOTAL AUX FEEDWATER FLOW</u>
7) Generic/Condensed Description:	<u>STM GEN A AUXILIARY FW FLOW</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>GPM</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.9E-1</u>
12) Max. Inst. Range:	<u>1.0E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>SUM</u>
18) Sensor Locations:	<u>INTERMEDIATE BUILDING BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>





**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>AX FD FL 2/B</u>
5) Plant Point ID:	<u>FAUXFWB</u>
6) Plant Specific Point Description:	<u>S/G B TOTAL AUX FEEDWATER FLOW</u>
7) Generic/Condensed Description:	<u>STM GEN B AUXILIARY FW FLOW</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>GPM</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.9E-1</u>
12) Max. Inst. Range:	<u>1.0E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>SUM</u>
18) Sensor Locations:	<u>INTERMEDIATE BUILDING BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>HL TEMP 1/A</u>
5) Plant Point ID:	<u>T0409A</u>
6) Plant Specific Point Description:	<u>RCLA HOT LEG TEMPERATURE</u>
7) Generic/Condensed Description:	<u>STM GEN A INLET TEMPERATURE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>DEGF</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>700</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT: A HOT LEG</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>HL TEMP 2/B</u>
5) Plant Point ID:	<u>T0410A</u>
6) Plant Specific Point Description:	<u>RCLB HOT LEG TEMPERATURE</u>
7) Generic/Condensed Description:	<u>STM GEN B INLET TEMPERATURE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>DEGF</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>700</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT: B HOT LEG</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CL TEMP 1/A</u>
5) Plant Point ID:	<u>T0450</u>
6) Plant Specific Point Description:	<u>RCLA COLD LEG TEMPERATURE</u>
7) Generic/Condensed Description:	<u>STM GEN A OUTLET TEMPERATURE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>DEGF</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>.50</u>
12) Max. Inst. Range:	<u>650</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT: A COLD LEG</u>
19) Alarm/Trip Setpoints:	<u>5.85E+2</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg.:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>





**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CL TEMP 2/B</u>
5) Plant Point ID:	<u>T0451</u>
6) Plant Specific Point Description:	<u>RCLB COLD LEG TEMPERATURE</u>
7) Generic/Condensed Description:	<u>STM GEN B OUTLET TEMPERATURE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>DEGF</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>50</u>
12) Max. Inst. Range:	<u>650</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT: B COLD LEG</u>
19) Alarm/Trip Setpoints:	<u>5.85E+2</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



Rochester Gas & Electric Corporation  
Emergency Response Data System Data Point Library (DPL)

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>RCS PRESSURE</u>
5) Plant Point ID:	<u>PRCS</u>
6) Plant Specific Point Description:	<u>REACTOR COOLANT SYSTEM AVG PRESS</u>
7) Generic/Condensed Description:	<u>REACTOR COOLANT SYSTEM PRESSURE</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>PSIG</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.0E+3</u>
12) Max. Inst. Range:	<u>3.0E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>2</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT INTERMEDIATE LEVEL</u>
19) Alarm/Trip Setpoints:	<u>2.34E+3-HIGH 1.75E+3-LOW</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>PRZR LEVEL</u>
5) Plant Point ID:	<u>LPZR</u>
6) Plant Specific Point Description:	<u>PRESSURIZER AVERAGE LEVEL</u>
7) Generic/Condensed Description:	<u>PRIMARY SYSTEM PRESSURIZER LEVEL</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>%</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-100</u>
12) Max. Inst. Range:	<u>100</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT INTERMEDIATE LEVEL</u>
19) Alarm/Trip Setpoints:	<u>8.7E+1-HIGH 6.15E+0-LOW</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>WET</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>RCS CHG/MU</u>
5) Plant Point ID:	<u>FCHG</u>
6) Plant Specific Point Description:	<u>TOTAL CHARGING FLOW</u>
7) Generic/Condensed Description:	<u>PRIMARY SYSTEM CHARGING FLOW</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>GPM</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>105</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>3</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>AUX BUILDING</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>





**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>HP SI FLOW</u>
5) Plant Point ID:	<u>FSIA</u>
6) Plant Specific Point Description:	<u>SAFETY INJECTION LOOP A AVG FLOW</u>
7) Generic/Condensed Description:	<u>HIGH PRESSURE SAFETY INJECTION F</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>GPM</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>0</u>
12) Max. Inst. Range:	<u>1000</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>2</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>HP SI FLOW</u>
5) Plant Point ID:	<u>FSIB</u>
6) Plant Specific Point Description:	<u>SAFETY INJECTION LOOP B AVG FLOW</u>
7) Generic/Condensed Description:	<u>HIGH PRESSURE SAFETY INJECTION F</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>GPM</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.9E-1</u>
12) Max. Inst. Range:	<u>1.0E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>2</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>LP SI FLOW</u>
5) Plant Point ID:	<u>F0626</u>
6) Plant Specific Point Description:	<u>RESIDUAL HEAT REMOVAL LOOP FLOW</u>
7) Generic/Condensed Description:	<u>LOW PRESSURE SAFETY INJECTION FL</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>GPM</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.9E-1</u>
12) Max. Inst. Range:	<u>4.0E+3</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>AUX BUILDING</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMT SMP NR</u>
5) Plant Point ID:	<u>LSUMPA</u>
6) Plant Specific Point Description:	<u>CONTAINMENT SUMP A AVERAGE LEVEL</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP NARROW RANGE L</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>FEET</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-3.0E+1</u>
12) Max. Inst. Range:	<u>3.0E+1</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>P</u>
16) Number of Sensors:	<u>2</u>
17) How Processed:	<u>AVG</u>
18) Sensor Locations:	<u>CONTAINMENT SUMP A BOTTOM</u>
19) Alarm/Trip Setpoints:	<u>2.75E+0</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>





**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SUMP WR</u>
5) Plant Point ID:	<u>L0942A</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 214 INCHES (TRAIN A)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0942B</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 180 INCHES (TRAIN A)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0942C</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 113 INCHES (TRAIN A)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0942D</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 78 INCHES (TRAIN A)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT SUMP B</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>





**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0942E</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 8 INCHES (TRAIN A)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT SUMP B</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>

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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0943A</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 214 INCHES (TRAIN B)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0943B</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 180 INCHES (TRAIN B)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0943C</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 113 INCHES (TRAIN B)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT BASEMENT</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0943D</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 78 INCHES (TRAIN B)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT SUMP B</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>CTMNT SMP WR</u>
5) Plant Point ID:	<u>L0943E</u>
6) Plant Specific Point Description:	<u>SUMP B LEVEL 8 INCHES (TRAIN B)</u>
7) Generic/Condensed Description:	<u>CONTAINMENT SUMP WIDE RANGE LEVE</u>
8) Analog/Digital:	<u>D</u>
9) Engineering Units or Digital States:	<u>LOWER/HIGHER</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>N/A</u>
12) Max. Inst. Range:	<u>N/A</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>CONTAINMENT SUMP B</u>
19) Alarm/Trip Setpoints:	<u>N/A</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>N/A</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date: 2/22/92

2) Reactor Unit: GI1 (Ginna)

3) Data Feeder: N/A

4) NRC ERDS Parameter: EFF GAS RAD

5) Plant Point ID: R12A5

6) Plant Specific Point Description: CV VENT CHAN 5-LOW RANGE GAS

7) Generic/Condensed Description: RADIOACTIVITY OF RELEASED GASSES

8) Analog/Digital: A

9) Engineering Units or Digital States: UCI/CC

10) Engineering Units Conversion: N/A

11) Min. Inst. Range: -1.0

12) Max. Inst. Range: 1.0E+7

13) Zero Point Ref.: N/A

14) Ref. Point Notes: N/A

15) Process or Sensor: S

16) Number of Sensors: 1

17) How Processed: N/A

18) Sensor Locations: INTERMEDIATE BLDG NORTH-CONTAINMENT VENT

19) Alarm/Trip Setpoints: 1.5E-2 UCI/CC

20) NI Detector Power Supply Cut-off Power Level: N/A

21) NI Detector Power Supply Turn-on Power Level: N/A

22) Instrument Failure Mode: N/A

23) Temperature Compensation for DP Transmitters: N/A

24) Level Reference Leg: N/A

25) Unique System Descript.: ABOVE 1E-5 UCI/CC USE R12A7. POINT IS IN UNITS OF UCI/CC. POINT IS ONLY A RELEASE PATH DURING CV PURGES (OUTAGES). FLOWRATE FROM RELEASE POINT IS 4.35E+6 CC/SEC.



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>EFF GAS RAD</u>
5) Plant Point ID:	<u>R12A7</u>
6) Plant Specific Point Description:	<u>CV VENT CHAN 7-MID RANGE GAS</u>
7) Generic/Condensed Description:	<u>RADIOACTIVITY OF RELEASED GASSES</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>INTERMEDIATE BLDG NORTH-CONTAINMENT VENT</u>
19) Alarm/Trip Setpoints:	<u>1.5 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>POINT IS IN UNITS OF UCI/CC. POINT IS ONLY A RELEASE PATH DURING CV PURGES (OUTAGES). FLOWRATE FROM RELEASE POINT IS 4.35E+6 CC/SEC. BELOW 1E-5 UCI/CC USE R12A5. ABOVE 1E+1 UCI/CC USE R12A9.</u>



第 一 章 緒 論

一、研究之目的

二、研究之範圍



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>EFF GAS RAD</u>
5) Plant Point ID:	<u>R12A9</u>
6) Plant Specific Point Description:	<u>CV VENT CHAN 9-HIGH RANGE GAS</u>
7) Generic/Condensed Description:	<u>RADIOACTIVITY OF RELEASED GASES</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>INTERMEDIATE BLDG NORTH-CONTAINMENT VENT</u>
19) Alarm/Trip Setpoints:	<u>150 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>BELOW 1E-3 UCI/CC USE R12A7. POINT IS IN UNITS OF UCI/CC. POINT IS ONLY A RELEASE PATH DURING CV PURGES (OUTAGES). FLOWRATE FROM POINT IS 4.35E6 CC/SEC.</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>EFF GAS RAD</u>
5) Plant Point ID:	<u>R14A5</u>
6) Plant Specific Point Description:	<u>PLANT VENT CHAN 5-LOW RANGE GAS</u>
7) Generic/Condensed Description:	<u>RADIOACTIVITY OF RELEASED GASSES</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>INTERMEDIATE BLDG NORTH-PLANT VENT</u>
19) Alarm/Trip Setpoints:	<u>1.8E-3 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>ABOVE 1E-5 UCI/CC USE R14A7. POINT IS IN UNITS OF UCI/CC. FLOWRATE FROM RELEASE PATH IS 3.63E+7 CC/SEC.</u>

21

**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>EFF GAS RAD</u>
5) Plant Point ID:	<u>R14A7</u>
6) Plant Specific Point Description:	<u>PLANT VENT CHAN 7-MID RANGE GAS</u>
7) Generic/Condensed Description:	<u>RADIOACTIVITY OF RELEASED GASSES</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>INTERMEDIATE BLDG NORTH-PLANT VENT</u>
19) Alarm/Trip Setpoints:	<u>1.8E-1 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>POINT IS IN UNITS OF UCI/CC. FLOWRATE FROM RELEASE POINT IS 3.63E+7 CC/SEC. BELOW 1E-5 UCI/CC USE R14A5. ABOVE 1E+1 UCI/CC USE R14A9.</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>EFF GAS RAD</u>
5) Plant Point ID:	<u>R14A9</u>
6) Plant Specific Point Description:	<u>PLANT VENT CHAN 9-HIGH RANGE GAS</u>
7) Generic/Condensed Description:	<u>RADIOACTIVITY OF RELEASED GASSES</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>INTERMEDIATE BLDG NORTH-PLANT VENT</u>
19) Alarm/Trip Setpoints:	<u>1.8E+1 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>POINT IS IN UNITS OF UCI/CC. BELOW 1E-3 UCI/CC USE R14A7. FLOWRATE FROM RELEASE POINT IS 3.63E+7 CC/SEC.</u>



THE UNIVERSITY OF CHICAGO  
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FAX 773-936-3000  
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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>EFF LIQ RAD</u>
5) Plant Point ID:	<u>R18</u>
6) Plant Specific Point Description:	<u>LIQUID WASTE DISPOSAL MONITOR</u>
7) Generic/Condensed Description:	<u>RADIOACTIVITY OF RELEASED LIQUID</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>CPM</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>1.0E+1</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>AUX BLDG-WEST END</u>
19) Alarm/Trip Setpoints:	<u>APPROX. 7E+4 CPM</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>ASK PLANT FOR R18 RELEASE FLOWRATE. POINT IS IN UNITS OF CPM. USE 1.16E-8 TO CONVERT CPM TO UCI/CC.</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>COND A/E RAD</u>
5) Plant Point ID:	<u>R15A5</u>
6) Plant Specific Point Description:	<u>AIR EJECTOR CHAN 5-LOW RANGE GAS</u>
7) Generic/Condensed Description:	<u>CONDENSER AIR EJECTOR RADIOACTIV</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>TURBINE BLDG TOP LEVEL</u>
19) Alarm/Trip Setpoints:	<u>5E-4 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>POINT IS IN UNITS OF UCI/CC. ABOVE 1E-5 UCI/CC USE R15A7. FLOWRATE FROM POINT IS 1.89E3 CC/SEC.</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>GI1 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>COND A/E RAD</u>
5) Plant Point ID:	<u>R15A7</u>
6) Plant Specific Point Description:	<u>AIR EJECTOR CHAN 7-MID RANGE GAS</u>
7) Generic/Condensed Description:	<u>CONDENSER AIR EJECTOR RADIOACTIV</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>TURBINE BLDG TOP LEVEL</u>
19) Alarm/Trip Setpoints:	<u>5E-2 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>POINT IS IN UNITS OF UCI/CC. FLOWRATE FROM POINT IS 1.89E3 CC/SEC. BELOW 1E-5 UCI/CC USE R15A5. ABOVE 1E+1 UCI/CC USE R15A9.</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

1) Date:	<u>2/22/92</u>
2) Reactor Unit:	<u>G11 (Ginna)</u>
3) Data Feeder:	<u>N/A</u>
4) NRC ERDS Parameter:	<u>COND A/E RAD</u>
5) Plant Point ID:	<u>R15A9</u>
6) Plant Specific Point Description:	<u>AIR EJECTOR CHAN 9-HI RANGE GAS</u>
7) Generic/Condensed Description:	<u>CONDENSER AIR EJECTOR RADIOACTIV</u>
8) Analog/Digital:	<u>A</u>
9) Engineering Units or Digital States:	<u>UCI/CC</u>
10) Engineering Units Conversion:	<u>N/A</u>
11) Min. Inst. Range:	<u>-1.0</u>
12) Max. Inst. Range:	<u>1.0E+7</u>
13) Zero Point Ref.:	<u>N/A</u>
14) Ref. Point Notes:	<u>N/A</u>
15) Process or Sensor:	<u>S</u>
16) Number of Sensors:	<u>1</u>
17) How Processed:	<u>N/A</u>
18) Sensor Locations:	<u>TURBINE BLDG TOP FLOOR</u>
19) Alarm/Trip Setpoints:	<u>5 UCI/CC</u>
20) NI Detector Power Supply Cut-off Power Level:	<u>N/A</u>
21) NI Detector Power Supply Turn-on Power Level:	<u>N/A</u>
22) Instrument Failure Mode:	<u>N/A</u>
23) Temperature Compensation for DP Transmitters:	<u>N/A</u>
24) Level Reference Leg:	<u>N/A</u>
25) Unique System Descript.:	<u>POINT IS IN UNITS OF UCI/CC. FLOWRATE FROM POINT IS 1.89E+3 CC/SEC. BELOW 1E-3 UCI/CC USE R15A7.</u>



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |  |
|---|--|
| 1) Date:  | <u>2/22/92</u>                           |
| 2) Reactor Unit:                                  | <u>G11 (Ginna)</u>                       |
| 3) Data Feeder:                                   | <u>N/A</u>                               |
| 4) NRC ERDS Parameter:                            | <u>CNTMNT RAD</u>                        |
| 5) Plant Point ID:                                | <u>R02</u>                               |
| 6) Plant Specific Point Description:              | <u>AREA 2-CONTAINMENT</u>                |
| 7) Generic/Condensed Description:                 | <u>RADIATION LEVEL IN CONTAINMENT</u>    |
| 8) Analog/Digital:                                | <u>A</u>                                 |
| 9) Engineering Units or Digital States:           | <u>MR/HR</u>                             |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                               |
| 11) Min. Inst. Range:                             | <u>0</u>                                 |
| 12) Max. Inst. Range:                             | <u>1.0E+7</u>                            |
| 13) Zero Point Ref.:                              | <u>N/A</u>                               |
| 14) Ref. Point Notes:                             | <u>N/A</u>                               |
| 15) Process or Sensor:                            | <u>S</u>                                 |
| 16) Number of Sensors:                            | <u>1</u>                                 |
| 17) How Processed:                                | <u>N/A</u>                               |
| 18) Sensor Locations:                             | <u>CONTAINMENT OPERATING FLOOR</u>       |
| 19) Alarm/Trip Setpoints:                         | <u>50 MR/HR</u>                          |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                               |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                               |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                               |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                               |
| 24) Level Reference Leg:                          | <u>N/A</u>                               |
| 25) Unique System Descript.:                      | <u>ABOVE 1E+7 MR/HR USE MONITOR R29.</u> |

*[Faint handwritten notes and markings along the right margin]*

**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

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|---|--|
| 1) Date:  | <u>2/22/92</u>                             |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                         |
| 3) Data Feeder:                                   | <u>N/A</u>                                 |
| 4) NRC ERDS Parameter:                            | <u>CNMNT RAD</u>                           |
| 5) Plant Point ID:                                | <u>R29</u>                                 |
| 6) Plant Specific Point Description:              | <u>AREA 29-CONTAINMENT HIGH RANGE</u>      |
| 7) Generic/Condensed Description:                 | <u>RADIATION LEVEL IN CONTAINMENT</u>      |
| 8) Analog/Digital:                                | <u>A</u>                                   |
| 9) Engineering Units or Digital States:           | <u>R/HR</u>                                |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                                 |
| 11) Min. Inst. Range:                             | <u>0</u>                                   |
| 12) Max. Inst. Range:                             | <u>1.0E+7</u>                              |
| 13) Zero Point Ref.:                              | <u>N/A</u>                                 |
| 14) Ref. Point Notes:                             | <u>N/A</u>                                 |
| 15) Process or Sensor:                            | <u>S</u>                                   |
| 16) Number of Sensors:                            | <u>1</u>                                   |
| 17) How Processed:                                | <u>N/A</u>                                 |
| 18) Sensor Locations:                             | <u>CONTAINMENT OPERATING LEVEL</u>         |
| 19) Alarm/Trip Setpoints:                         | <u>100 R/HR</u>                            |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                                 |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                                 |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                                 |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                                 |
| 24) Level Reference Leg:                          | <u>N/A</u>                                 |
| 25) Unique System Descript.:<br>MONITOR READING.  | <u>FOR DOSE RATES BELOW 1 R/HR USE R-2</u> |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |   |
|---|---|
| 1) Date:  | <u>2/22/92</u>                                  |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                              |
| 3) Data Feeder:                                   | <u>N/A</u>                                      |
| 4) NRC ERDS Parameter:                            | <u>RCS LTDN RAD</u>                             |
| 5) Plant Point ID:                                | <u>R09</u>                                      |
| 6) Plant Specific Point Description:              | <u>AREA 9-LETDOWN LINE MONITOR</u>              |
| 7) Generic/Condensed Description:                 | <u>RAD LEVEL OF THE RCS LETDOWN LIN</u>         |
| 8) Analog/Digital:                                | <u>A</u>  |
| 9) Engineering Units or Digital States:           | <u>MR/HR</u>                                    |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                                      |
| 11) Min. Inst. Range:                             | <u>0</u>  |
| 12) Max. Inst. Range:                             | <u>1.0E+7</u>                                   |
| 13) Zero Point Ref.:                              | <u>N/A</u>                                      |
| 14) Ref. Point Notes:                             | <u>N/A</u>                                      |
| 15) Process or Sensor:                            | <u>S</u>  |
| 16) Number of Sensors:                            | <u>1</u>  |
| 17) How Processed:                                | <u>N/A</u>                                      |
| 18) Sensor Locations:                             | <u>AUX BLDG BSMT IN NAOH TANK ROOM</u>          |
| 19) Alarm/Trip Setpoints:                         | <u>ALARM-200MR/HR LETDOWN ISOLATE-2000MR/HR</u> |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                                      |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                                      |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                                      |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                                      |
| 24) Level Reference Leg:                          | <u>N/A</u>                                      |
| 25) Unique System Descript.:                      | <u>N/A</u>                                      |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |  |
|---|--|
| 1) Date:  | <u>2/22/92</u>                         |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                     |
| 3) Data Feeder:                                   | <u>N/A</u>                             |
| 4) NRC ERDS Parameter:                            | <u>MAIN SL 1/A</u>                     |
| 5) Plant Point ID:                                | <u>R31</u>                             |
| 6) Plant Specific Point Description:              | <u>AREA 31 STEAM LINE A (SPING)</u>    |
| 7) Generic/Condensed Description:                 | <u>STM GEN 1 (OR A) STEAM LINE RAD</u> |
| 8) Analog/Digital:                                | <u>A</u>                               |
| 9) Engineering Units or Digital States:           | <u>MR/HR</u>                           |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                             |
| 11) Min. Inst. Range:                             | <u>-1.0</u>                            |
| 12) Max. Inst. Range:                             | <u>1.0E+7</u>                          |
| 13) Zero Point Ref.:                              | <u>N/A</u>                             |
| 14) Ref. Point Notes:                             | <u>N/A</u>                             |
| 15) Process or Sensor:                            | <u>S</u>                               |
| 16) Number of Sensors:                            | <u>1</u>                               |
| 17) How Processed:                                | <u>N/A</u>                             |
| 18) Sensor Locations:                             | <u>INTERMEDIATE BLDG NORTH</u>         |
| 19) Alarm/Trip Setpoints:                         | <u>0.1 MR/HR</u>                       |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                             |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                             |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                             |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                             |
| 24) Level Reference Leg:                          | <u>N/A</u>                             |
| 25) Unique System Descript.:                      | <u>N/A</u>                             |





**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |  |
|---|--|
| 1) Date:  | <u>2/22/92</u>                         |
| 2) Reactor Unit:                                  | <u>G11 (Ginna)</u>                     |
| 3) Data Feeder:                                   | <u>N/A</u>                             |
| 4) NRC ERDS Parameter:                            | <u>MAIN SL 2/B</u>                     |
| 5) Plant Point ID:                                | <u>R32</u>                             |
| 6) Plant Specific Point Description:              | <u>AREA 32 STEAM LINE B (SPING)</u>    |
| 7) Generic/Condensed Description:                 | <u>STM GEN 2 (OR B) STEAM LINE RAD</u> |
| 8) Analog/Digital:                                | <u>A</u>                               |
| 9) Engineering Units or Digital States:           | <u>MR/HR</u>                           |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                             |
| 11) Min. Inst. Range:                             | <u>-1.0</u>                            |
| 12) Max. Inst. Range:                             | <u>1.0E+7</u>                          |
| 13) Zero Point Ref.:                              | <u>N/A</u>                             |
| 14) Ref. Point Notes:                             | <u>N/A</u>                             |
| 15) Process or Sensor:                            | <u>S</u>                               |
| 16) Number of Sensors:                            | <u>1</u>                               |
| 17) How Processed:                                | <u>N/A</u>                             |
| 18) Sensor Locations:                             | <u>INTERMEDIATE BLDG NORTH</u>         |
| 19) Alarm/Trip Setpoints:                         | <u>0.1 MR/HR</u>                       |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                             |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                             |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                             |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                             |
| 24) Level Reference Leg:                          | <u>N/A</u>                             |
| 25) Unique System Descript.:                      | <u>N/A</u>                             |



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |  |
|---|--|
| 1) Date:  | <u>2/22/92</u>   |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>   |
| 3) Data Feeder:                                   | <u>N/A</u>   |
| 4) NRC ERDS Parameter:                            | <u>SG BD RAD</u>   |
| 5) Plant Point ID:                                | <u>R19</u>   |
| 6) Plant Specific Point Description:              | <u>STEAM GENERATOR BLOWDOWN DRAIN</u>  |
| 7) Generic/Condensed Description:                 | <u>STM GEN BLOWDOWN RAD LEVEL</u>  |
| 8) Analog/Digital:                                | <u>A</u>   |
| 9) Engineering Units or Digital States:           | <u>CPM</u>   |
| 10) Engineering Units Conversion:                 | <u>N/A</u>   |
| 11) Min. Inst. Range:                             | <u>1.0E+1</u>  |
| 12) Max. Inst. Range:                             | <u>1.0E+7</u>  |
| 13) Zero Point Ref.:                              | <u>N/A</u>   |
| 14) Ref. Point Notes:                             | <u>N/A</u>   |
| 15) Process or Sensor:                            | <u>S</u>   |
| 16) Number of Sensors:                            | <u>1</u>   |
| 17) How Processed:                                | <u>N/A</u>   |
| 18) Sensor Locations:                             | <u>INTERMEDIATE BLDG SOUTH ABOVE NUC SAMP RM</u>                               |
| 19) Alarm/Trip Setpoints:                         | <u>ALARM AND ISOLATE-7200CPM</u>   |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>   |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>   |
| 22) Instrument Failure Mode:                      | <u>N/A</u>   |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>   |
| 24) Level Reference Leg:                          | <u>N/A</u>   |
| 25) Unique System Descript.:                      | <u>POINT IS IN UNITS OF CPM. A AND B S/G</u><br><u>BLOWDOWNS ARE COMBINED.</u> |



**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |   |
|---|---|
| 1) Date:  | <u>2/22/92</u>                                |
| 2) Reactor Unit:                                  | <u>G11 (Ginna)</u>                            |
| 3) Data Feeder:                                   | <u>N/A</u>                                    |
| 4) NRC ERDS Parameter:                            | <u>CTMNT PRESS</u>                            |
| 5) Plant Point ID:                                | <u>PCV</u>                                    |
| 6) Plant Specific Point Description:              | <u>CONTAINMENT AVERAGE PRESSURE</u>           |
| 7) Generic/Condensed Description:                 | <u>CONTAINMENT PRESSURE</u>                   |
| 8) Analog/Digital:                                | <u>A</u>                                      |
| 9) Engineering Units or Digital States:           | <u>PSIG</u>                                   |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                                    |
| 11) Min. Inst. Range:                             | <u>-2.5</u>                                   |
| 12) Max. Inst. Range:                             | <u>60</u>                                     |
| 13) Zero Point Ref.:                              | <u>N/A</u>                                    |
| 14) Ref. Point Notes:                             | <u>N/A</u>                                    |
| 15) Process or Sensor:                            | <u>P</u>                                      |
| 16) Number of Sensors:                            | <u>3</u>                                      |
| 17) How Processed:                                | <u>AVG</u>                                    |
| 18) Sensor Locations:                             | <u>INTERMEDIATE AND AUX BLDGS</u>             |
| 19) Alarm/Trip Setpoints:                         | <u>4E+0</u>                                   |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                                    |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                                    |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                                    |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                                    |
| 24) Level Reference Leg:                          | <u>N/A</u>                                    |
| 25) Unique System Descript.:                      | <u>PT945, PT947, PT949 INPUTS BEING USED.</u> |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |                                      |
|---|--------------------------------------|
| 1) Date:  | <u>2/22/92</u>                       |
| 2) Reactor Unit:                                  | <u>G11 (Ginna)</u>                   |
| 3) Data Feeder:                                   | <u>N/A</u>                           |
| 4) NRC ERDS Parameter:                            | <u>CTMNT TEMP</u>                    |
| 5) Plant Point ID:                                | <u>TCV03</u>                         |
| 6) Plant Specific Point Description:              | <u>CV BASEMENT LEVEL 6FT TEMP #3</u> |
| 7) Generic/Condensed Description:                 | <u>CONTAINMENT TEMPERATURE</u>       |
| 8) Analog/Digital:                                | <u>A</u>                             |
| 9) Engineering Units or Digital States:           | <u>DEGF</u>                          |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                           |
| 11) Min. Inst. Range:                             | <u>0</u>                             |
| 12) Max. Inst. Range:                             | <u>300</u>                           |
| 13) Zero Point Ref.:                              | <u>N/A</u>                           |
| 14) Ref. Point Notes:                             | <u>N/A</u>                           |
| 15) Process or Sensor:                            | <u>S</u>                             |
| 16) Number of Sensors:                            | <u>1</u>                             |
| 17) How Processed:                                | <u>N/A</u>                           |
| 18) Sensor Locations:                             | <u>CONTAINMENT BASEMENT</u>          |
| 19) Alarm/Trip Setpoints:                         | <u>N/A</u>                           |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                           |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                           |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                           |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                           |
| 24) Level Reference Leg:                          | <u>N/A</u>                           |
| 25) Unique System Descript.:                      | <u>N/A</u>                           |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |  |
|---|--|
| 1) Date:  | <u>2/22/92</u>                         |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                     |
| 3) Data Feeder:                                   | <u>N/A</u>                             |
| 4) NRC ERDS Parameter:                            | <u>CTMNT TEMP</u>                      |
| 5) Plant Point ID:                                | <u>TCV07</u>                           |
| 6) Plant Specific Point Description:              | <u>CV INTERMEDIATE LVL 6FT TEMP #7</u> |
| 7) Generic/Condensed Description:                 | <u>CONTAINMENT TEMPERATURE</u>         |
| 8) Analog/Digital:                                | <u>A</u>                               |
| 9) Engineering Units or Digital States:           | <u>DEGF</u>                            |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                             |
| 11) Min. Inst. Range:                             | <u>0</u>                               |
| 12) Max. Inst. Range:                             | <u>300</u>                             |
| 13) Zero Point Ref.:                              | <u>N/A</u>                             |
| 14) Ref. Point Notes:                             | <u>N/A</u>                             |
| 15) Process or Sensor:                            | <u>S</u>                               |
| 16) Number of Sensors:                            | <u>1</u>                               |
| 17) How Processed:                                | <u>N/A</u>                             |
| 18) Sensor Locations:                             | <u>CONTAINMENT INTERMEDIATE LEVEL</u>  |
| 19) Alarm/Trip Setpoints:                         | <u>N/A</u>                             |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                             |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                             |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                             |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                             |
| 24) Level Reference Leg:                          | <u>N/A</u>                             |
| 25) Unique System Descript.:                      | <u>N/A</u>                             |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |  |
|---|--|
| 1) Date:  | <u>2/22/92</u>                         |
| 2) Reactor Unit:                                  | <u>G11 (Ginna)</u>                     |
| 3) Data Feeder:                                   | <u>N/A</u>                             |
| 4) NRC ERDS Parameter:                            | <u>CTMNT TEMP</u>                      |
| 5) Plant Point ID:                                | <u>TCV17</u>                           |
| 6) Plant Specific Point Description:              | <u>CV OPERATING LEVEL 6FT TEMP #17</u> |
| 7) Generic/Condensed Description:                 | <u>CONTAINMENT TEMPERATURE</u>         |
| 8) Analog/Digital:                                | <u>A</u>                               |
| 9) Engineering Units or Digital States:           | <u>DEGF</u>                            |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                             |
| 11) Min. Inst. Range:                             | <u>0</u>                               |
| 12) Max. Inst. Range:                             | <u>300</u>                             |
| 13) Zero Point Ref.:                              | <u>N/A</u>                             |
| 14) Ref. Point Notes:                             | <u>N/A</u>                             |
| 15) Process or Sensor:                            | <u>S</u>                               |
| 16) Number of Sensors:                            | <u>1</u>                               |
| 17) How Processed:                                | <u>N/A</u>                             |
| 18) Sensor Locations:                             | <u>CONTAINMENT OPERATING LEVEL</u>     |
| 19) Alarm/Trip Setpoints:                         | <u>N/A</u>                             |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                             |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                             |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                             |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                             |
| 24) Level Reference Leg:                          | <u>N/A</u>                             |
| 25) Unique System Descript.:                      | <u>N/A</u>                             |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |                                     |
|---|-------------------------------------|
| 1) Date:  | <u>2/22/92</u>                      |
| 2) Reactor Unit:                                  | <u>G11 (Ginna)</u>                  |
| 3) Data Feeder:                                   | <u>N/A</u>                          |
| 4) NRC ERDS Parameter:                            | <u>H2 CONC</u>                      |
| 5) Plant Point ID:                                | <u>CVH</u>                          |
| 6) Plant Specific Point Description:              | <u>CV HYDROGEN CONCENTRATION</u>    |
| 7) Generic/Condensed Description:                 | <u>CONTAINMENT H2 CONCENTRATION</u> |
| 8) Analog/Digital:                                | <u>A</u>                            |
| 9) Engineering Units or Digital States:           | <u>%</u>                            |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                          |
| 11) Min. Inst. Range:                             | <u>-3.9E-2</u>                      |
| 12) Max. Inst. Range:                             | <u>1.0E+1</u>                       |
| 13) Zero Point Ref.:                              | <u>N/A</u>                          |
| 14) Ref. Point Notes:                             | <u>N/A</u>                          |
| 15) Process or Sensor:                            | <u>P</u>                            |
| 16) Number of Sensors:                            | <u>2</u>                            |
| 17) How Processed:                                | <u>AVG</u>                          |
| 18) Sensor Locations:                             | <u>INTERMEDIATE BLDG BSMT NORTH</u> |
| 19) Alarm/Trip Setpoints:                         | <u>4E+0</u>                         |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                          |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                          |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                          |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                          |
| 24) Level Reference Leg:                          | <u>N/A</u>                          |
| 25) Unique System Descript.:                      | <u>N/A</u>                          |



中華民國二十九年四月一日

**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |   |
|---|---|
| 1) Date:  | <u>2/22/92</u>                          |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                      |
| 3) Data Feeder:                                   | <u>N/A</u>                              |
| 4) NRC ERDS Parameter:                            | <u>BWST LEVEL</u>                       |
| 5) Plant Point ID:                                | <u>LRWST</u>                            |
| 6) Plant Specific Point Description:              | <u>REFUELING WATER STORAGE TANK LVL</u> |
| 7) Generic/Condensed Description:                 | <u>BORATED WATER STORAGE TANK LEVEL</u> |
| 8) Analog/Digital:                                | <u>A</u>                                |
| 9) Engineering Units or Digital States:           | <u>%</u>                                |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                              |
| 11) Min. Inst. Range:                             | <u>0</u>                                |
| 12) Max. Inst. Range:                             | <u>100</u>                              |
| 13) Zero Point Ref.:                              | <u>N/A</u>                              |
| 14) Ref. Point Notes:                             | <u>N/A</u>                              |
| 15) Process or Sensor:                            | <u>P</u>                                |
| 16) Number of Sensors:                            | <u>2</u>                                |
| 17) How Processed:                                | <u>AVG</u>                              |
| 18) Sensor Locations:                             | <u>AUX BLDG</u>                         |
| 19) Alarm/Trip Setpoints:                         | <u>9.5E+1-HIGH 1E+1-LOW</u>             |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                              |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                              |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                              |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                              |
| 24) Level Reference Leg:                          | <u>N/A</u>                              |
| 25) Unique System Descript.:                      | <u>N/A</u>                              |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |                                       |
|---|---------------------------------------|
| 1) Date:  | <u>2/22/92</u>                        |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                    |
| 3) Data Feeder:                                   | <u>N/A</u>                            |
| 4) NRC ERDS Parameter:                            | <u>WIND SPEED</u>                     |
| 5) Plant Point ID:                                | <u>WS033</u>                          |
| 6) Plant Specific Point Description:              | <u>33 FOOT LEVEL WIND SPEED</u>       |
| 7) Generic/Condensed Description:                 | <u>WIND SPEED AT THE REACTOR SITE</u> |
| 8) Analog/Digital:                                | <u>A</u>                              |
| 9) Engineering Units or Digital States:           | <u>MPH</u>                            |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                            |
| 11) Min. Inst. Range:                             | <u>-3.9E-2</u>                        |
| 12) Max. Inst. Range:                             | <u>1.0E+2</u>                         |
| 13) Zero Point Ref.:                              | <u>N/A</u>                            |
| 14) Ref. Point Notes:                             | <u>N/A</u>                            |
| 15) Process or Sensor:                            | <u>S</u>                              |
| 16) Number of Sensors:                            | <u>1</u>                              |
| 17) How Processed:                                | <u>N/A</u>                            |
| 18) Sensor Locations:                             | <u>MET TOWER NORTHWEST OF PLANT</u>   |
| 19) Alarm/Trip Setpoints:                         | <u>9E+1</u>                           |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                            |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                            |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                            |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                            |
| 24) Level Reference Leg:                          | <u>N/A</u>                            |
| 25) Unique System Descript.:                      | <u>N/A</u>                            |



中華民國二十九年四月五日

**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |   |
|---|---|
| 1) Date:  | <u>2/22/92</u>                            |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                        |
| 3) Data Feeder:                                   | <u>N/A</u>                                |
| 4) NRC ERDS Parameter:                            | <u>WIND DIR</u>                           |
| 5) Plant Point ID:                                | <u>WD033</u>                              |
| 6) Plant Specific Point Description:              | <u>33 FOOT LEVEL WIND DIRECTION</u>       |
| 7) Generic/Condensed Description:                 | <u>WIND DIRECTION AT THE REACTOR SITE</u> |
| 8) Analog/Digital:                                | <u>A</u>                                  |
| 9) Engineering Units or Digital States:           | <u>DEG</u>                                |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                                |
| 11) Min. Inst. Range:                             | <u>-1.0E+1</u>                            |
| 12) Max. Inst. Range:                             | <u>5.5E+2</u>                             |
| 13) Zero Point Ref.:                              | <u>N/A</u>                                |
| 14) Ref. Point Notes:                             | <u>N/A</u>                                |
| 15) Process or Sensor:                            | <u>S</u>                                  |
| 16) Number of Sensors:                            | <u>1</u>                                  |
| 17) How Processed:                                | <u>N/A</u>                                |
| 18) Sensor Locations:                             | <u>MET TOWER NORTHWEST OF PLANT</u>       |
| 19) Alarm/Trip Setpoints:                         | <u>N/A</u>                                |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                                |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                                |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                                |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                                |
| 24) Level Reference Leg:                          | <u>N/A</u>                                |
| 25) Unique System Descript.:                      | <u>N/A</u>                                |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |                                      |
|---|--------------------------------------|
| 1) Date:  | <u>2/22/92</u>                       |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                   |
| 3) Data Feeder:                                   | <u>N/A</u>                           |
| 4) NRC ERDS Parameter:                            | <u>STAB CLASS</u>                    |
| 5) Plant Point ID:                                | <u>WT033</u>                         |
| 6) Plant Specific Point Description:              | <u>33 FOOT LEVEL TEMPERATURE</u>     |
| 7) Generic/Condensed Description:                 | <u>AIR STABILITY AT REACTOR SITE</u> |
| 8) Analog/Digital:                                | <u>A</u>                             |
| 9) Engineering Units or Digital States:           | <u>DEGF</u>                          |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                           |
| 11) Min. Inst. Range:                             | <u>-40</u>                           |
| 12) Max. Inst. Range:                             | <u>100</u>                           |
| 13) Zero Point Ref.:                              | <u>N/A</u>                           |
| 14) Ref. Point Notes:                             | <u>N/A</u>                           |
| 15) Process or Sensor:                            | <u>S</u>                             |
| 16) Number of Sensors:                            | <u>1</u>                             |
| 17) How Processed:                                | <u>N/A</u>                           |
| 18) Sensor Locations:                             | <u>MET TOWER NORTHWEST OF PLANT</u>  |
| 19) Alarm/Trip Setpoints:                         | <u>N/A</u>                           |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                           |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                           |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                           |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                           |
| 24) Level Reference Leg:                          | <u>N/A</u>                           |
| 25) Unique System Descript.:                      | <u>N/A</u>                           |

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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |                                      |
|---|--------------------------------------|
| 1) Date:  | <u>2/22/92</u>                       |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>                   |
| 3) Data Feeder:                                   | <u>N/A</u>                           |
| 4) NRC ERDS Parameter:                            | <u>STAB CLASS</u>                    |
| 5) Plant Point ID:                                | <u>WT250</u>                         |
| 6) Plant Specific Point Description:              | <u>250 FOOT LEVEL TEMPERATURE</u>    |
| 7) Generic/Condensed Description:                 | <u>AIR STABILITY AT REACTOR SITE</u> |
| 8) Analog/Digital:                                | <u>A</u>                             |
| 9) Engineering Units or Digital States:           | <u>DEGF</u>                          |
| 10) Engineering Units Conversion:                 | <u>N/A</u>                           |
| 11) Min. Inst. Range:                             | <u>-40</u>                           |
| 12) Max. Inst. Range:                             | <u>100</u>                           |
| 13) Zero Point Ref.:                              | <u>N/A</u>                           |
| 14) Ref. Point Notes:                             | <u>N/A</u>                           |
| 15) Process or Sensor:                            | <u>S</u>                             |
| 16) Number of Sensors:                            | <u>1</u>                             |
| 17) How Processed:                                | <u>N/A</u>                           |
| 18) Sensor Locations:                             | <u>MET TOWER NORTHWEST OF PLANT</u>  |
| 19) Alarm/Trip Setpoints:                         | <u>N/A</u>                           |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>                           |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>                           |
| 22) Instrument Failure Mode:                      | <u>N/A</u>                           |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>                           |
| 24) Level Reference Leg:                          | <u>N/A</u>                           |
| 25) Unique System Descript.:                      | <u>N/A</u>                           |



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**Rochester Gas & Electric Corporation**  
**Emergency Response Data System Data Point Library (DPL)**

|   |  |
|---|--|
| 1) Date:  | <u>2/22/92</u>   |
| 2) Reactor Unit:                                  | <u>GI1 (Ginna)</u>   |
| 3) Data Feeder:                                   | <u>N/A</u>   |
| 4) NRC ERDS Parameter:                            | <u>STAB CLASS</u>  |
| 5) Plant Point ID:                                | <u>WDT2</u>  |
| 6) Plant Specific Point Description:              | <u>250 TO 33 FOOT LEVEL DELTA TEMP</u>   |
| 7) Generic/Condensed Description:                 | <u>AIR STABILITY AT REACTOR SITE</u>   |
| 8) Analog/Digital:                                | <u>A</u>   |
| 9) Engineering Units or Digital States:           | <u>DEGF</u>  |
| 10) Engineering Units Conversion:                 | <u>N/A</u>   |
| 11) Min. Inst. Range:                             | <u>-100</u>  |
| 12) Max. Inst. Range:                             | <u>100</u>   |
| 13) Zero Point Ref.:                              | <u>N/A</u>   |
| 14) Ref. Point Notes:                             | <u>N/A</u>   |
| 15) Process or Sensor:                            | <u>P</u>   |
| 16) Number of Sensors:                            | <u>2</u>   |
| 17) How Processed:                                | <u>D/F</u>   |
| 18) Sensor Locations:                             | <u>MET TOWER NOTHWEST OF PLANT</u>   |
| 19) Alarm/Trip Setpoints:                         | <u>N/A</u>   |
| 20) NI Detector Power Supply Cut-off Power Level: | <u>N/A</u>   |
| 21) NI Detector Power Supply Turn-on Power Level: | <u>N/A</u>   |
| 22) Instrument Failure Mode:                      | <u>N/A</u>   |
| 23) Temperature Compensation for DP Transmitters: | <u>N/A</u>   |
| 24) Level Reference Leg:                          | <u>N/A</u>   |
| 25) Unique System Descript.:                      | <u>A= &lt;-2.17F, B= &gt;2.17F &amp; &lt;-1.95F.<br/>C= &gt;-1.95F &amp; &lt;-1.74. D= &gt;-1.74F &amp; &lt;-0.65F. E= &gt;-0.65F &amp; &lt;+1.74F.<br/>F= &gt;+1.74F &amp; &lt;+4.77F G= &gt;+4.77F</u> |

