

**GULF STATES UTILITIES COMPANY**

RIVER BEND STATION    POST OFFICE BOX 220    ST. FRANCISVILLE, LOUISIANA 70781  
AREA CODE 904    835 8388    346-8881

April 21, 1992  
RBG- 36,751  
File Nos. G9.5, G1.13.6.3

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

Gentlemen:

River Bend Station - Unit 1  
Docket No. 50-458

This letter revises Gulf States Utilities Company's response to the final rule for the Emergency Response Data System (ERDS). This final rule was published in the Federal Register (54 FR 40178) on August 13, 1991. The original response for River Bend Station was submitted on October 25, 1991 (RBG-35850).

Attached is a revised ERDS data point library for River Bend Station. Four data points, NI SOURC RNG, CND A/E RAD, DW RAD, and MN STEAM RAD, were originally not included as available data points. These four data points can now be obtained and included into our ERDS system as SRMCNT, OFFGAS, DRYRAD and CNTRAD.

The attached list of ERDS parameters (DPL) are provided with two status levels. A status level of 0 is consistent with transmitting good data. A status level of 2 corresponds to no good data available.

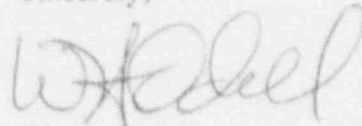
One point, NI INTER RANGE, is not an accessible data point as it is available only on our plant process computer. All other points included in our ERDS system are currently accessed through our SPDS computer. Access to this one additional point would require installation of new conduit and cable and creation of a number of penetrations through fire walls. Discussions with NRC staff have indicated that these physical modifications to plant systems are not justifiable to obtain this single parameter. All previous information regarding milestones and other elements of our ERDS implementation plan remain unchanged.

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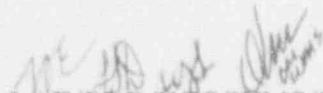
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If you have any questions or comments, please contact Mr. Leif L. Dietrich of my staff at (504) 381-4866.

Sincerely,



W. H. Odell  
Manager - Oversight  
River Bend Nuclear Group



LAE/LLD/WJS/WMS/DLR/pj

Enclosure

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ERDS Data Point Library (OPL)  
(28 Data Points)

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RBI  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | DW TEMP  |
| Point ID:  | DRYWELLT   |
| Plant Spec Point Desc.:                          | DRYWELL TEMPERATURE  |
| Generic/Cond Desc.:                              | DRYWELL ATMOSPHERIC TEMPERATURE  |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | DEGF   |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | 40   |
| Maximum Instr Range:                             | 440  |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | PROC   |
| Number of Sensors:                               | 2  |
| How Processed:                                   | AVERAGE  |
| Sensor Locations:                                | DRYWELL  |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | N/A  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | DRYWELL AVERAGE AIR TEMP<br>SETPOINT 145 DEGREES F<br>REFERENCE RBS TECH SPEC<br>3.6.2.6 |

DATA POINT LIBRARY REFERENCE FILE

Date: 10/25/91

Reactor Unit: RB1

Data Feeder: NOT APPLICABLE (N/A)

NRC ERDS Parameter: NI POWER RNG

Point ID: RXPOWER

Plant Spec Point Desc.: REACTOR POWER

Generic/Cond Desc.: NUCLEAR INSTRUMENT POWER RANGE

Analog/Digital: ANALOG

Engr Units/Dig States: %

Engr Units Conversion: 2894 MEGA WATTS THERMAL = 100%

Minimum Instr Range: 0

Maximum Instr Range: 125

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: PROC

Number of Sensors: SEE BELOW

How Processed: COMPLEX

Sensor Locations: IN REACTOR CORE

Alarm/Trip Set Points: N/A

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

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

Instrument Failure Mode: LOW

Temperature Compensation  
For DP Transmitters: N/A

Level Reference Leg: N/A

Unique System Desc.: 111% THERMAL POWER TRIP

REFERENCE RBS TECH SPEC

TABLE 2.2.1-1

DATA POINT LIBRARY REFERENCE FILE

Date: 10/25/91  
 Reactor Unit: RB1  
 Data Feeder: NOT APPLICABLE (N/A)  
 NRC ERDS Parameter: REAC VES LEV  
 Point ID: RPVWTRLVL  
 Plant Spec Point Desc.: RPV WATER LEVEL  
 Generic/Cond Desc.: REACTOR VESSEL WATER LEVEL  
 Analog/Digital: ANALOG  
 Engr Units/Dig States: IN  
 Engr Units Conversion: N/A  
 Minimum Instr Range: -310  
 Maximum Instr Range: 400  
 Zero Point Reference: MSSKRT  
 Reference Point Notes: N/A  
 PROC or SENS: PROC  
 Number of Sensors: 5 ZONES  
 How Processed: COMPLEX  
 Sensor Locations: N/A  
 Alarm/Trip Set Points: N/A  
 NI Detector Power Supply  
 Cut-off Power Level: N/A  
 NI Detector Power Supply  
 Turn-on Power Level: N/A  
 Instrument Failure Mode: LOW  
 Temperature Compensation  
 For DP Transmitters: YES  
 Level Reference Leg: STEAM COND POT  
 Unique System Desc.: INSTRUMENT ZERO 162 INCHES ABOVE TOP  
 OF ACTIVE FUEL/REFERENCE RBS TECH SPECS,  
 BASES FIGURE B 3/4.3-1 FOR HPCS, RCIC, LPCS, ETC.  
 INITIATE LEVELS. RBS USAR FIGURE 5.2-6.

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)                             |
| NRC ERDS Parameter:                              | MAIN FD FLOW                                     |
| Point ID:  | FEEDWATER  |
| Plant Spec Point Desc.:                          | FEEDWATER TOTAL FLOW                             |
| Generic/Cond Desc.:                              | FEEDWATER FLOW INTO THE REACTOR SYSTEM           |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | MLB/HR   |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | 0  |
| Maximum Instr Range:                             | 15   |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Locations:                                | TURBINE BASEMENT                                 |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | REFERENCE USAR FIGURE 1.1-1<br>USAR FIGURE 5.1-1 |

DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 10/25/91  |
| Reactor Unit:                                    | RB1   |
| Data Feeder:                                     | NOT APPLICABLE (N/A)  |
| NRC ERDS Parameter:                              | RCI - FLOW  |
| Point ID:  | RCIC  |
| Plant Spec Point Desc.:                          | RCIC DISCHARGE FLOW   |
| Generic/Cond Desc.:                              | REACTOR CORE ISOLATION COOLING FLOW   |
| Analog/Digital:                                  | ANALOG  |
| Engr Units/Dig States:                           | GPM   |
| Engr Units Conversion:                           | N/A   |
| Minimum Instr Range:                             | 0   |
| Maximum Instr Range:                             | 8/0   |
| Zero Point Reference:                            | N/A   |
| Reference Point Notes:                           | N/A   |
| PROC or SENS:                                    | SENS  |
| Number of Sensors:                               | 1   |
| How Processed:                                   | N/A   |
| Sensor Locations:                                | AUX BUILDING BASEMENT   |
| Alarm/Trip Set Points:                           | N/A   |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A   |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A   |
| Instrument Failure Mode:                         | LOW   |
| Temperature Compensation<br>For DP Transmitters: | N/A   |
| Level Reference Leg:                             | N/A   |
| Unique System Desc.:                             | MINIMUM PRESSURE FOR RCIC IS 150 PSIG<br>RCIC PROVIDES 600 GPM AT 1192 PSI<br>REFERENCE RBS USAR<br>SECTION 5.4.6.2.2.2 |



DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 10/25/91  |
| Reactor Unit:                                    | RB1   |
| Data Feeder:                                     | NOT APPLICABLE (N/A)  |
| NRC ERDS Parameter:                              | RCS PRESSURE  |
| Point ID:  | RPVPRES   |
| Plant Spec Point Desc.:                          | REACTOR PRESSURE  |
| Generic/Cond Desc.:                              | REACTOR COOLANT SYSTEM PRESSURE   |
| Analog/Digital:                                  | ANALOG  |
| Engr Units/Dig States:                           | PSIG  |
| Engr Units Conversion:                           | N/A   |
| Minimum Instr Range:                             | 0   |
| Maximum Instr Range:                             | 1500  |
| Zero Point Reference:                            | N/A   |
| Reference Point Notes:                           | N/A   |
| PROC or SENS:                                    | PROC  |
| Number of Sensors:                               | SEE BELOW   |
| How Processed:                                   | COMPLEX   |
| Sensor Locations:                                | N/A   |
| Alarm/Trip Set Points:                           | N/A   |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A   |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A   |
| Instrument Failure Mode:                         | N/A   |
| Temperature Compensation<br>For DF Transmitters: | N/A   |
| Level Reference Leg:                             | N/A   |
| Unique System Desc.:                             | REFERENCE RBS USAR TABLE 5.2-2<br><br>ONE SRV (OPENS AT 1103 PSIG),<br>EIGHT SRV'S (OPEN AT 1113 PSIG),<br>SEVEN SRV'S (OPEN AT 1123 PSIG),<br>ATWS TRIP OF RECIRC PUMPS AT 1127 PSIG<br>PSIG, RBS TECH SPECS TABLE 3.3.4.1-2 |

DATA POINT LIBRARY REFERENCE FILE

Date: 10/25/91

Reactor Unit: RB1

Data Feeder: NOT APPLICABLE (N/A)

NRC ERDS Parameter: CR SPRAY FL

Point ID: HPCS

Plant Spec Point Desc.: HPCS PUMP DISCHARGE FLOW

Generic/Cond Desc.: HIGH PRESSURE CORE SPRAY FLOW

Analog/Digital: ANALOG

Engr Units/Dig States: GPM

Engr Units Conversion: N/A

Minimum Instr Range: 0

Maximum Instr Range: 7000

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: SENS

Number of Sensors: 1

How Processed: N/A

Sensor Locations: AUX BUILDING BASEMENT

Alarm/Trip Set Points: N/A

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

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

Instrument Failure Mode: LOW

Temperature Compensation  
For DP Transmitters: N/A

Level Reference Leg: N/A

Unique System Desc.: HPCS PROVIDES

467 GPM AT 1177 PSID  
1400 GPM AT 1147 PSID  
5010 GPM AT 200 PSID

REFERENCE RBS USAR TABLE 6.3-2B.3

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | LPCI FLOW  |
| Point ID:  | RHRA   |
| Plant Spec Point Desc.:                          | RESIDUAL HEAT REMOVAL TRAIN A FLOW   |
| Generic/Cond Desc.:                              | LOW PRESSURE COOLANT INJECTION FLOW  |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | GPM  |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | 0  |
| Maximum Instr Range:                             | 7000   |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Locations:                                | AUX BUILDING BASEMENT  |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | FLOW MAY COMMENSE AT 225 PSIG<br>AT 20 PSID 14900 GPM<br>REFERENCE RBS USAR TABLE 6.3-2B.1 |

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | LPCI FLOW  |
| Point ID:  | RHRB   |
| Plant Spec Point Desc.:                          | RESIDUAL HEAT REMOVAL TRAIN B FLOW   |
| Generic/Cond Desc.:                              | LOW PRESSURE COOLANT INJECTION FLOW  |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | GPM  |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | 0  |
| Maximum Instr Range:                             | 7000   |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Locations:                                | AUX BUILDING BASEMENT  |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | FLOW MAY COMMENSE AT 225 PSID<br>AT 20 PSID 14900 GPM<br>REFERENCE RBS USAR TABLE 6.3-2B.1 |

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | LPCI FLOW  |
| Point ID:  | RHRC   |
| Plant Spec Point Desc.:                          | RESIDUAL HEAT REMOVAL TRAIN C FLOW   |
| Generic/Cond Desc.:                              | LOW PRESSURE COOLANT INJECTION FLOW  |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | GPM  |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | 0  |
| Maximum Instr Range:                             | 7000   |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Location:                                 | AUX BUILDING BASEMENT  |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | FLOW MAY COMMENSE AT 225 PSIG<br>AT 20 PSID 14900 GPM<br>REFERENCE RBS USAR TABLE 6.3-2B.1 |

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | CR SPRAY FL  |
| Point ID:  | LPCS   |
| Plant Spec Point Desc.:                          | LPCS PUMP DISCHARGE FLOW   |
| Generic/Cond Desc.:                              | LOW PRESSURE CORE SPRAY FLOW   |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | GPM  |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | 0  |
| Maximum Instr Range:                             | 8000   |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Locations:                                | AUX BUILDING BASEMENT  |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | LPCS PROVIDES<br>26.5 PSID FLOW STARTS<br>113 PSID 4900 GPM<br>REFERENCE RBS USAR TABLE 6.3-2B.2 |

DATA POINT LIBRARY REFERENCE FILE

|  |                                |
|--|--------------------------------|
| Date:  | 10/25/91                       |
| Reactor Unit:                                    | RB1                            |
| Data Feeder:                                     | NOT APPLICABLE (N/A)           |
| NRC ERDS Parameter:                              | DW FD SMPLV                    |
| Point ID:  | DRYWELLS                       |
| Plant Spec Point Desc.:                          | DRYWELL SUMP LEVEL             |
| Generic/Cond Desc.:                              | DRYWELL FLOOR DRAIN SUMP LEVEL |
| Analog/Digital:                                  | ANALOG                         |
| Engr Units/Dig States:                           | IN H2O                         |
| Engr Units Conversion:                           | 12.27 GALLONS/INCH             |
| Minimum Instr Range:                             | 0                              |
| Maximum Instr Range:                             | 36                             |
| Zero Point Reference:                            | N/A                            |
| Reference Point Notes:                           | N/A                            |
| PROC or SENS:                                    | SENS                           |
| Number of Sensors:                               | 1                              |
| How Processed:                                   | N/A                            |
| Sensor Locations:                                | DRYWELL BASEMENT               |
| Alarm/Trip set Points:                           | N/A                            |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                            |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                            |
| Instrument Failure Mode:                         | LOW                            |
| Temperature Compensation<br>For DP Transmitters: | N/A                            |
| Level Reference Leg:                             | N/A                            |
| Unique System Desc.:                             |                                |

DATA POINT LIBRARY REFERENCE FILE

|  |                                  |
|--|----------------------------------|
| Date:  | 10/25/91                         |
| Reactor Unit:                                    | RB1                              |
| Data Feeder:                                     | NOT APPLICABLE (N/A)             |
| NRC ERDS Parameter:                              | RADIOACTIVITY OF RELEASED GASSES |
| Point ID:  | MAINPLANT                        |
| Plant Spec Point Desc.:                          | MAIN PLANT STACK                 |
| Generic/Cond Desc.:                              | MAIN PLANT GASEOUS EFFLUENT      |
| Analog/Digital:                                  | ANALOG                           |
| Engr Units/Dig States:                           | uCi/S                            |
| Engr Units Conversion:                           | N/A                              |
| Minimum Instr Range:                             | 10                               |
| Maximum Instr Range:                             | 10 <sup>13</sup>                 |
| Zero Point Reference:                            | N/A                              |
| Reference Point Notes:                           | N/A                              |
| PROC or SENS:                                    | SENS                             |
| Number of Sensors:                               | 1                                |
| How Processed:                                   | N/A                              |
| Sensor Locations:                                | MAIN PLANT STACK                 |
| Alarm/Trip Set Points:                           | N/A                              |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                              |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                              |
| Instrument Failure Mode:                         | LOW                              |
| Temperature Compensation<br>For DP Transmitters: | N/A                              |
| Level Reference Leg:                             | N/A                              |
| Unique System Desc.:                             |                                  |



DATA POINT LIBRARY REFERENCE FILE

|  |                                  |
|--|----------------------------------|
| Date:  | 10/25/91                         |
| Reactor Unit:                                    | RB1                              |
| Data Feeder:                                     | NOT APPLICABLE (N/A)             |
| NRC ERDS Parameter:                              | RADIOACTIVITY OF RELEASED GASSES |
| Point ID:  | FUELBLDG                         |
| Plant Spec Point Desc.:                          | FUEL BUILDING STACK              |
| Generic/Cond Desc.:                              | FUEL BUILDING GASEOUS EFFLUENT   |
| Analog/Digital:                                  | ANALOG                           |
| Engr Units/Dig States:                           | uCi/S                            |
| Engr Units Conversion:                           | N/A                              |
| Minimum Instr Range:                             | 10                               |
| Maximum Instr Range:                             | 10 <sup>12</sup>                 |
| Zero Point Reference:                            | N/A                              |
| Reference Point Notes:                           | N/A                              |
| PROC or SENS:                                    | SENS                             |
| Number of Sensors:                               | 1                                |
| How Processed:                                   | N/A                              |
| Sensor Locations:                                | FUEL BUILDING STACK              |
| Alarm/Trip Set Points:                           | N/A                              |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                              |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                              |
| Instrument Failure Mode:                         | LOW                              |
| Temperature Compensation<br>For DP Transmitters: | N/A                              |
| Level Reference Leg:                             | N/A                              |
| Unique System Desc.:                             |                                  |

DATA POINT LIBRARY REFERENCE FILE

|  |                                    |
|--|------------------------------------|
| Date:  | 10/25/91                           |
| Reactor Unit:                                    | RB1                                |
| Data Feeder:                                     | NOT APPLICABLE (N/A)               |
| NRC ERDS Parameter:                              | RADIOACTIVITY OF RELEASED GASSES   |
| Point ID:  | RADWASTE                           |
| Plant Spec Point Desc.:                          | RADWASTE BUILDING STACK            |
| Generic/Cond Desc.:                              | RADWASTE BUILDING GASEOUS EFFLUENT |
| Analog/Digital:                                  | ANALOG                             |
| Engr Units/Dig States:                           | uCi/S                              |
| Engr Units Conversion:                           | N/A                                |
| Minimum Instr Range:                             | 10                                 |
| Maximum Instr Range:                             | 10 <sup>13</sup>                   |
| Zero Point Reference:                            | N/A                                |
| Reference Point Notes:                           | N/A                                |
| PROC or SFNS:                                    | SENS                               |
| Number of Sensors:                               | 1                                  |
| How Processed:                                   | N/A                                |
| Sensor Locations:                                | RADWASTE BUILDING STACK            |
| Alarm/Trip Set Points:                           | N/A                                |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                                |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                                |
| Instrument Failure Mode:                         | LOW                                |
| Temperature Compensation<br>For DP Transmitters: | N/A                                |
| Level Reference Leg:                             | N/A                                |
| Unique System Desc.:                             |                                    |

DATA POINT LIBRARY REFERENCE FILE

|  |                              |
|--|------------------------------|
| Date:  | 10/25/91                     |
| Reactor Unit:                                    | RB1                          |
| Data Feeder:                                     | NOT APPLICABLE (N/A)         |
| NRC ERDS Parameter:                              | DW PRESS                     |
| Point ID:  | DRYWELLP                     |
| Plant Spec Point Desc.:                          | DRYWELL PRESSURE             |
| Generic/Cond Desc.:                              | DRYWELL ATMOSPHERIC PRESSURE |
| Analog/Digital:                                  | ANALOG                       |
| Engr Units/Dig States:                           | PSIG                         |
| Engr Units Conversion:                           | N/A                          |
| Minimum Instr Range:                             | 0                            |
| Maximum Instr Range:                             | 75                           |
| Zero Point Reference:                            | N/A                          |
| Reference Point Notes:                           | N/A                          |
| PROC or SENS:                                    | PROC                         |
| Number of Sensors:                               | 4                            |
| How Processed:                                   | AVERAGE                      |
| Sensor Locations:                                | DRYWELL                      |
| Alarm/Trip Set Points:                           | N/A                          |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                          |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                          |
| Instrument Failure Mode:                         | LOW                          |
| Temperature Compensation<br>For DP Transmitters: | N/A                          |
| Level Reference Leg:                             | N/A                          |
| Unique System Desc.:                             | DRYWELL PRESSURE             |
|  | REACTOR TRIP SETPOINT 1.68   |
|  | REFERENCE RBS TECH SPEC      |
|  | TABLE 2.2.1-1                |

DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 10/25/91  |
| Reactor Unit:                                    | RB1   |
| Data Feeder:                                     | NOT APPLICABLE (N/A)  |
| NRC ERDS Parameter:                              | SP TEMP   |
| Point ID:  | SUPPOOLT  |
| Plant Spec Point Desc.:                          | SUPPRESSION POOL TEMPERATURE  |
| Generic/Cond Desc.:                              | SUPPRESSION POOL WATER TEMPERATURE  |
| Analog/Digital:                                  | ANALOG  |
| Engr Units/Dig States:                           | DEGF  |
| Engr Units Conversion:                           | N/A   |
| Minimum Instr Range:                             | 0   |
| Maximum Instr Range:                             | 200   |
| Zero Point Reference:                            | N/A   |
| Reference Point Notes:                           | N/A   |
| PROC or SENS:                                    | PROC  |
| Number of Sensors:                               | SEE BELOW   |
| How Processed:                                   | AVERAGE   |
| Sensor Locations:                                | CONTAINMENT SUPPRESSION POOL  |
| Alarm/Trip Set Points:                           | N/A   |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A   |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A   |
| Instrument Failure Mode:                         | LOW   |
| Temperature Compensation<br>For DP Transmitters: | N/A   |
| Level Reference Leg:                             | N/A   |
| Unique System Desc.:                             | REFERENCE TO: TECH SPEC 3.6.3.1<br>AT 110 DEGREES F MUST PLACE REACTOR<br>MODE SWITCH IN SHUTDOWN POSITION. |

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | SP LEVEL   |
| Point ID:  | SUPPOOLL   |
| Plant Spec Point Desc.:                          | SUPPRESSION POOL LEVEL   |
| Generic/Cond Desc.:                              | SUPPRESSION POOL WATER LEVEL   |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | IN   |
| Engr Units Conversion:                           | 4392 GALLONS/INCH  |
| Minimum Instr Range:                             | 0  |
| Maximum Instr Range:                             | 264  |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | PROC   |
| Number of Sensors:                               | 4  |
| How Processed:                                   | AVERAGE  |
| Sensor Locations:                                | CONTAINMENT SUPPRESSION POOL   |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitter:  | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | 137,571FT <sup>3</sup> (1029031 GALLONS)<br>19'6" MINIMUM POOL LEVEL<br>REFERENCE TECH SPECS SECTION 3.5.3 |

DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 10/25/91  |
| Reactor Unit:                                    | RB1   |
| Data Feeder:                                     | NOT APPLICABLE (N/A)  |
| NRC ERDS Parameter:                              | CST LEVEL   |
| Point ID:  | CSTLEVEL  |
| Plant Spec Point Desc.:                          | CONDENSATE STORAGE TANK LEVEL   |
| Generic/Cond Desc.:                              | CONDENSATE STORAGE TANK LEVEL   |
| Analog/Digital:                                  | ANALOG  |
| Engr Units/Dig States:                           | FEET  |
| Engr Units Conversion:                           | 15500 GALLONS/FOOT  |
| Minimum Instr Range:                             | 0   |
| Maximum Instr Range:                             | 40  |
| Zero Point Reference:                            | N/A   |
| Reference Point Notes:                           | N/A   |
| PROC or SENS:                                    | SENS  |
| Number of Sensors:                               | 1   |
| How Processed:                                   | N/A   |
| Sensor Locations:                                | CST   |
| Alarm/Trip Set Points:                           | N/A   |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A   |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A   |
| Instrument Failure Mode:                         | LOW   |
| Temperature Compensation<br>For DP Transmitters: | N/A   |
| Level Reference Leg:                             | N/A   |
| Unique System Desc.:                             | LAST 125000 GALLONS IN CST FOR RCIC AND<br>HPCS ONLY.<br><br>REFERENCE RBS USAR SECTION 9.2.6.2 |

DATA POINT LIBRARY REFERENCE FILE

|  |                               |
|--|-------------------------------|
| Date:  | 10/25/91                      |
| React(-) Unit:                                   | RB1                           |
| Data Feeder:                                     | NOT APPLICABLE (N/A)          |
| NRC ERDS Parameter:                              | WINDSPEED AT THE REACTOR SITE |
| Point ID:  | WINDSPEEDU                    |
| Plant Spec Point Desc.:                          | WIND SPEED 150 FOOT           |
| Generic/Cond Desc.:                              | UPPER WIND SPEED              |
| Analog/Digital:                                  | ANALOG                        |
| Engr Units/Dig States:                           | MPH                           |
| Engr Units Conversion:                           | N/A                           |
| Minimum Instr Range:                             | 0                             |
| Maximum Instr Range:                             | 100                           |
| Zero Point Reference:                            | N/A                           |
| Reference Point Notes:                           | N/A                           |
| PROC or SENS:                                    | SENS                          |
| Number of Sensors:                               | 1                             |
| How Processed:                                   | N/A                           |
| Sensor Locations:                                | METEOROLOGICAL TOWER          |
| Alarm/Trip Set Points:                           | N/A                           |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                           |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                           |
| Instrument Failure Mode:                         | LOW                           |
| Temperature Compensation<br>For DP Transmitters: | N/A                           |
| Level Reference Leg:                             | N/A                           |
| Unique System Desc.:                             |                               |

DATA POINT LIBRARY REFERENCE FILE

|  |                               |
|--|-------------------------------|
| Date:  | 10/25/91                      |
| Reactor Unit:                                    | RB1                           |
| Data Feeder:                                     | NOT APPLICABLE (N/A)          |
| NRC ERDS Parameter:                              | WINDSPEED AT THE REACTOR SITE |
| Point ID:  | WINDSPEEDL                    |
| Plant Spec Point Desc.:                          | WIND SPEED 30 FOOT            |
| Generic/Cond Desc.:                              | LOWER WIND SPEED              |
| Analog/Digital:                                  | ANALOG                        |
| Engr Units/Dig States:                           | MPH                           |
| Engr Units Conversion:                           | N/A                           |
| Minimum Instr Range:                             | 0                             |
| Maximum Instr Range:                             | 100                           |
| Zero Point Reference:                            | N/A                           |
| Reference Point Notes:                           | N/A                           |
| PROC or SENS:                                    | SENS                          |
| Number of Sensors:                               | 1                             |
| How Processed:                                   | N/A                           |
| Sensor Locations:                                | METEOROLOGICAL TOWER          |
| Alarm/Trip Set Points:                           | N/A                           |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                           |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                           |
| Instrument Failure Mode:                         | LOW                           |
| Temperature Compensation<br>For DP Transmitters: | N/A                           |
| Level Reference Leg:                             | N/A                           |
| Unique System Desc.:                             |                               |



DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 10/25/91  |
| Reactor Unit:                                    | RB1   |
| Data Feeder:                                     | NOT APPLICABLE (N/A)  |
| NRC ERDS Parameter:                              | WIND DIRECTION AT THE REACTOR SITE  |
| Point ID:  | WINDDIRU  |
| Plant Spec Point Desc.:                          | WIND DIRECTION 150 FEET   |
| Generic/Cond Desc.:                              | UPPER WIND DIRECTION  |
| Analog/Digital:                                  | ANALOG  |
| Engr Units/Dig States:                           | DEGREES   |
| Engr Units Conversion:                           | N/A   |
| Minimum Instr Range:                             | 0   |
| Maximum Instr Range:                             | 360   |
| Zero Point Reference:                            | N/A   |
| Reference Point Notes:                           | N/A   |
| PROC or SENS:                                    | SENS  |
| Number of Sensors:                               | 1   |
| How Processed:                                   | N/A   |
| Sensor Locations:                                | METEOROLOGICAL TOWER  |
| Alarm/Trip Set Points:                           | N/A   |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A   |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A   |
| Instrument Failure Mode:                         | LOW   |
| Temperature Compensation<br>For DP Transmitters: | N/A   |
| Level Reference Leg:                             | N/A   |
| Unique System Desc.:                             | 0 DEGREES IS WIND FROM THE NORTH.<br>A WIND BLOWING FROM THE SOUTH<br>WOULD BE 180 DEGREES. |

DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 10/25/91  |
| Reactor Unit:                                    | RB1   |
| Data Feeder:                                     | NOT APPLICABLE (N/A)  |
| NRC ERDS Parameter:                              | WIND DIRECTION AT THE REACTOR SITE  |
| Point ID:  | WINDDIRL  |
| Plant Spec Point Desc.:                          | WIND DIRECTION 30 FOOT  |
| Generic/Cond Desc.:                              | LOWER WIND DIRECTION  |
| Analog/Digital:                                  | ANALOG  |
| Engr Units/Dig States:                           | DEGREES   |
| Engr Units Conversion:                           | N/A   |
| Minimum Instr Range:                             | 0   |
| Maximum Instr Range:                             | 360   |
| Zero Point Reference:                            | N/A   |
| Reference Point Notes:                           | N/A   |
| PROC or SENS:                                    | SENS  |
| Number of Sensors:                               | 1   |
| How Processed:                                   | N/A   |
| Sensor Locations:                                | METEOROLOGICAL TOWER  |
| Alarm/Trip Set Points:                           | N/A   |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A   |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A   |
| Instrument Failure Mode:                         | LOW   |
| Temperature Compensation<br>For DP Transmitters: | N/A   |
| Level Reference Leg:                             | N/A   |
| Unique System Desc.:                             | 0 DEGREES IS WIND FROM THE NORTH.<br><br>A WIND BLOWING FROM THE<br><br>SOUTH WOULD BE 180 DEGREES. |

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 10/25/91   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | AIR STABILITY AT THE REACTOR SITE  |
| Point ID:  | STABCLASS  |
| Plant Spec Point Desc.:                          | AIR STABILITY (DELTA TEMP)   |
| Generic/Cond Desc.:                              | STABILITY CLASS  |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | STABA  |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | A  |
| Maximum Instr Range:                             | G  |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Locations:                                | METEOROLOGICAL TOWER   |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | STABILITY CLASS COMPUTED FROM<br>DELTA TEMPERATURES BETWEEN 150 FOOT<br>AND 30 FOOT. |

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| 02/19/92   | 02/19/92   |
| Reactor Unit:                                    | RB1  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | NI SOURC RNG   |
| Point ID:  | SRMCNT   |
| Plant Spec Point Desc.:                          | SOURCE RANGE MONITOR COUNT RATE  |
| Generic/Cond Desc.:                              | SOURCE RANGE NUCLEAR INSTRUMENT  |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | CPS  |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | $10^{-4}$  |
| Maximum Instr Range:                             | $10^4$   |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Locations:                                | REACTOR CORE   |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | ROD BLOCK 1 X $10^5$ CPS<br>REFERENCE TABLE 3.3.6-2<br>RBS USAR NOTE: OPERATOR ACTION<br>TO INSERT SRM AFTER SCRAM |

DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 02/19/92  |
| Reactor Unit:                                    | RB1   |
| Data Feeder:                                     | NOT APPLICABLE (N/A)  |
| NRC ERDS Parameter:                              | CND A/E RAD   |
| Point ID:  | OFFGAS  |
| Plant Spec Point Desc.:                          | OFFGAS PRETREATMENT ROD   |
| Generic/Cond Desc.:                              |   |
| Analog/Digital:                                  | ANALOG  |
| Engr Units/Dig States:                           | Mr/H  |
| Engr Units Conversion:                           | N/A   |
| Minimum Instr Range:                             | 1   |
| Maximum Instr Range:                             | 10 <sup>6</sup>   |
| Zero Point Reference:                            | N/A   |
| Reference Point Notes:                           | N/A   |
| PROC or SENS:                                    | SENS  |
| Number of Sensors:                               | 1   |
| How Processed:                                   | N/A   |
| Sensor Locations:                                | OFFGAS BUILDING   |
| Alarm/Trip Set Points:                           |   |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A   |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A   |
| Instrument Failure Mode:                         | LOW   |
| Temperature Compensation<br>For DP Transmitters: | N/A   |
| Level Reference Leg:                             | N/A   |
| Unique System Desc.:                             | -SYSTEM DESIGN REFERENCE RBS USAR TABLE 11.3-2<br>-OFFGAS PRETREAT SETPOINT 3410 Mr/HR REFERENCE<br>RBS TECH SPEC TABLE 3.3.7.1-1 |

DATA POINT LIBRARY REFERENCE FILE

|  |   |
|--|---|
| Date:  | 04/13/92                                |
| Reactor Unit:                                    | RB1                                     |
| Data Feeder:                                     | NOT APPLICABLE (N/A)                    |
| NRC ERDS Parameter:                              | DW RAD                                  |
| Point ID:  | DRYRAD                                  |
| Plant Spec Point Desc.:                          | DRYWELL RADIATION POST ACCIDENT MONITOR |
| Generic/Cond Desc.:                              | RADIATION LEVEL IN THE DRYWELL          |
| Analog/Digital:                                  | ANALOG                                  |
| Engr Units/Dig States:                           | R/HR                                    |
| Engr Units Conversion:                           | N/A                                     |
| Minimum Instr Range:                             | 0                                       |
| Maximum Instr Range:                             | 10 <sup>9</sup>                         |
| Zero Point Reference:                            | N/A                                     |
| Reference Point Notes:                           | N/A                                     |
| PROC or SENS:                                    | SENS                                    |
| Number of Sensors:                               | 1                                       |
| How Processed:                                   | N/A                                     |
| Sensor Locations:                                | DRYWELL                                 |
| Alarm/Trip Set Points:                           | N/A                                     |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A                                     |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A                                     |
| Instrument Failure Mode:                         | LOW                                     |
| Temperature Compensation<br>For DP Transmitters: | N/A                                     |
| Level Reference Leg:                             | N/A                                     |
| Unique System Desc.:                             | REFERENCE RBS USAR                      |

TABLE 12.3-1

DATA POINT LIBRARY REFERENCE FILE

|  |  |
|--|--|
| Date:  | 04/13/92   |
| Reactor Unit:                                    | RBI  |
| Data Feeder:                                     | NOT APPLICABLE (N/A)   |
| NRC ERDS Parameter:                              | MN STEAM RAD   |
| Point ID:  | CNTRAD   |
| Plant Spec Point Desc.:                          | CONTAINMENT RADIATION POST ACCIDENT MONITOR  |
| Generic/Cond Desc.:                              | RADIATION LEVEL IN CONTAINMENT   |
| Analog/Digital:                                  | ANALOG   |
| Engr Units/Dig States:                           | R/HR   |
| Engr Units Conversion:                           | N/A  |
| Minimum Instr Range:                             | 0  |
| Maximum Instr Range:                             | 10 <sup>6</sup>  |
| Zero Point Reference:                            | N/A  |
| Reference Point Notes:                           | N/A  |
| PROC or SENS:                                    | SENS   |
| Number of Sensors:                               | 1  |
| How Processed:                                   | N/A  |
| Sensor Locations:                                | CONTAINMENT  |
| Alarm/Trip Set Points:                           | N/A  |
| NI Detector Power Supply<br>Cut-off Power Level: | N/A  |
| NI Detector Power Supply<br>Turn-on Power Level: | N/A  |
| Instrument Failure Mode:                         | LOW  |
| Temperature Compensation<br>For DP Transmitters: | N/A  |
| Level Reference Leg:                             | N/A  |
| Unique System Desc.:                             | REFERENCE RBS USAR<br>TABLE 12.3-1<br>NOTE: REACTOR VESSEL SAFETY RELIEF VALVES<br>VENT TO SUPPRESSION POOL LOCATED IN CONTAINMENT |