

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

May 25, 1995

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

Serial No. 95-259  
NL&P/CGL R0  
Docket Nos. 50-339  
License Nos. NPF-7

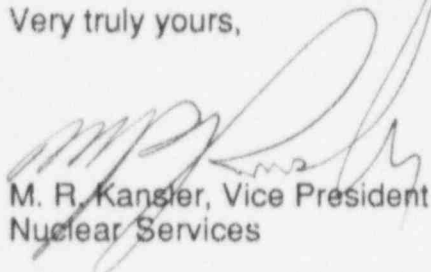
Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**NORTH ANNA POWER STATION UNIT 2**  
**EMERGENCY RESPONSE DATA SYSTEM**  
**DATA BASE UPDATES**

As a result of a North Anna design change that replaced the Unit 2 letdown radiation monitor, modifications to a related single Emergency Response Data System (ERDS) point were necessary. The instrument range and engineering units for the Unit 2 letdown radiation monitor point were modified. Unit 1 was not affected by this change. The change is detailed in the Data Point Library (DPL) reference file form for North Anna Unit 2 in Attachment 1. Attachment 2 provides the revision summary (change report) for the affected North Anna Unit 2 point. The updated data base files, documented in Attachments 1 and 2, are also provided in the dBase IV format on Attachment 3.

If you have questions, please contact us.

Very truly yours,



M. R. Kansler, Vice President  
Nuclear Services

Attachments:

1. Updated Data Point Library Reference File Sheet for North Anna Unit 2
2. Revision Summary for North Anna Unit 2
3. Updated DPL Data Base Files in dBase Format

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cc: U. S. Nuclear Regulatory Commission (Attachments 1 and 2)  
Region II  
101 Marietta Street, N. W.  
Suite 2900  
Atlanta, Georgia 30323

Mr. R. D. McWhorter (Attachments 1 and 2 )  
NRC Senior Resident Inspector  
North Anna Power Station

NUS Corporation / EI Division (Attachments 1, 2, and 3)  
P. O. Box 59736  
Idaho Falls, Idaho 83405  
Attention: Mr. Tony LaRosa

**ATTACHMENT 1**

**UPDATED DATA POINT LIBRARY REFERENCE FILE SHEET  
FOR NORTH ANNA UNIT 2**

UNIT: 2  
PWR DATA POINT LIBRARY REFERENCE FILE

05/16/95

|                          |   |
|--------------------------|---|
| DATE:                    | 05/16/95  |
| REACTOR UNIT:            | NA2   |
| DATA FEEDER:             | N/A   |
| NRC ERDS PARAMETER:      | RCS LTDN RAD  |
| POINT ID:                | R2RM214C  |
| PLANT SPEC POINT DESC:   | RCS LETDOWN HIGH RAD MON  |
| GENERIC/COND DESC:       | RAD LEVEL OF RCS LETDOWN LINE   |
| ANALOG/DIGITAL:          | A   |
| ENGR UNITS/DIG STATES:   | MR/HR   |
| ENGR UNITS CONVERSION:   | N/A   |
| MINIMUM INSTR RANGE:     | 0.0   |
| MAXIMUM INSTR RANGE:     | 1.0E4   |
| ZERO POINT REFERENCE:    | N/A   |
| REFERENCE POINT NOTES:   | N/A   |
| PROC OR SENS:            | P   |
| NUMBER OF SENSORS:       | 1   |
| HOW PROCESSED:           | EXPONENTIATED VALUE OF LOGARITHMIC INPUT  |
| SENSOR LOCATIONS:        | RCS LETDOWN LINE  |
| ALARM/TRIP SETPOINTS:    | VARIABLE  |
| NI DETECTOR POWER SUPPLY |   |
| CUT-OFF POWER LEVEL:     | N/A   |
| NI DETECTOR POWER SUPPLY |   |
| TURN-ON POWER LEVEL:     | N/A   |
| INSTRUMENT FAILURE MODE: | N/A   |
| TEMPERATURE COMPENSATION |   |
| FOR DP TRANSMITTERS:     |   |
| LEVEL REFERENCE LEG:     | N/A   |
| UNIQUE SYSTEM DESC:      | Continuously monitors radiation level in the reactor coolant<br>by means of a sample from the letdown line. |

**ATTACHMENT 2**

**REVISION SUMMARY  
FOR NORTH ANNA UNIT 2**

STATION: North Anna  
UNIT: 2  
PWR DATA POINT LIBRARY REFERENCE FILE  
CHANGE REPORT

PRINTED  
05/16/95

CHANGED POINT R2RM214C AT 08:22 ON 05/16/95. CHANGES WERE AS FOLLOWS:

|                       |                               |
|-----------------------|-------------------------------|
| DATE:                 | WAS: 03/21/91<br>IS: 05/16/95 |
| ENGR UNIT/DIG STATES: | WAS: CPM<br>IS: MR/HR         |
| MINIMUM INSTR RANGE:  | WAS: 3.162<br>IS: 0.0         |
| MAXIMUM INSTR RANGE:  | WAS: 1.0E6<br>IS: 1.0E4       |