VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

September 16, 1983

Mr. James P. O'Reilly
Regional Administrator
Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

Serial No. 516
NO/WDC:cfm
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. O'Reilly:

SUPPLEMENTAL RESPONSE TO IE BULLETIN 80-16
SURRY POWER STATION

In NUREG/CR-3047, "Closeout of IE Bulletin 80-16: Potential Misapplication of Rosemount Pressure Transmitters", Surry Power Station is listed with an "open" status. This letter is to closeout this issue for Surry.

In our response to IE Bulletin 80-16, "Potential Misapplication of Rosemount Inc. Models 1151 and 1152 Pressure Transmitters With Either 'A' or 'D' Output Codes", dated July 30, 1980, we stated that Model 1152 pressure transmitters were installed and provided the data requested for each instrument. We further stated that with regard to Surry Power Station Units 1 and 2, no corrective action was planned, that an analysis was ongoing concerning the range of process variable measured for accident conditions, and that any results of the analysis showing information contrary to our findings would be forwarded as a supplement to the original submittal.

While the analysis has shown no information contrary to the original findings, it has been decided to upgrade the existing instruments either through replacement of the instrument or installation of Type "N" replacement circuit boards. This action has been completed for Unit 2 and will be accomplished in Unit 1 during a future outage.

A current status of installed Rosemount Inc. Model 1151 and 1152 pressure transmitters (that do not fall under environmental qualification requirements) with output codes "A" or "D" in safety related systems is attached.

Very truly yours,

W. L. Stewart

Attachment

IE11

cc: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Mr. D. J. Burke
NRC Resident Inspector
Surry Power Station

A. Model No: 1152 DP4A92PB Serial No. 69970

B. Range Limits: 0-150" H_2O

C. Range Settings: 0-25" H_2O

D. Range of Process Variable Measured for
Normal Conditions: 0-25" H_2O = 4-20 ma OUT.
Accident Conditions: 14"

E. Values of Process Variable which could Produce
Anomalous Indication: 210" H_2O

F. Service/Function: TK B accumulator level

A. Model No: 1152 DP4A92PB Serial No. 52214

B. Range Limits: 0-150" H_2O

C. Range Settings: 0-25" H_2O

D. Range of Process Variable Measured for
Normal Conditions: 0-25" H_2O = 4-20 ma OUT.
Accident Conditions: 14"

E. Values of Process Variable which could Produce
Anomalous Indication: 210" H_2O

F. Service/Function: Accumulator TK B level

A. Model No: 1152 DP4A92PB Serial No. 120017

B. Range Limits: 0-150" H_2O

C. Range Settings: 0-25" H_2O

D. Range of Process Variable Measured for
Normal Conditions: 0-25" H_2O = 4-20 ma OUT.
Accident Conditions: 14"

E. Values of Process Variable which could Produce
Anomalous Indication: 210" H_2O

F. Service/Function: Accumulator TK C level

A. Model No: 1152 DP4A92PB Serial No. 386089

B. Range Limits: 0-150" H_2O

C. Range Settings: 0-25" H_2O

D. Range of Process Variable Measured for
Normal Conditions: 0-25" H_2O = 4-20 ma OUT.
Accident Conditions: 14"

E. Values of Process Variable which could Produce
Anomalus Indication: 210" H_2O

F. Service/Function: TK A accumulator level

A. Model No: 1152 DP4A92PB Serial No. 52543

B. Range Limits: 0-150" H_2O

C. Range Settings: 0-25" H_2O

D. Range of Process Variable Measured for
Normal Conditions: 0-25" H_2O = 4-20 ma OUT.
Accident Conditions: 14"

E. Values of Process Variable which could Produce
Anomalous Indication: 210" H_2O

F. Service/Function: TK A accumulator level

A. Model No: 1152 DP4A22DP Serial No. 48968

B. Range Limits: 0-150" H_2O

C. Range Settings: 0-48" H_2O

D. Range of Process Variable Measured for
Normal Conditions: 0-48" H_2O = 4-20 ma OUT.
Accident Conditions: 48"

E. Values of Process Variable which could Produce
Anomalous Indication: 210" H_2O

F. Service/Function: Primary Drains Transfer TK Level

A. Model No. 1152 DP4A92PB Serial No. 52217

B. Range Limits: 0-150" H_2O

C. Range Settings: 0-25" H_2O

D. Range of Process Variable Measured for
Normal Conditions: 0-25" H_2O = 4-20 ma OUT.
Accident Conditions: 14"

E. Values of Process Variable which could Produce
Anomalous Indication: 210" H_2O

F. Service/Function: Accumulator TK C Level