PP&L

TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101 PHONE: (215) 770-5151

NORMAN W. CURTIS
Vice President-Engineering & Construction-Nuclear
770-5381

JUL 10 1981

Mr. Boyce H. Grier, Director
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUSQUEHANNA STEAM ELECTRIC STATION
IE BULLETIN 80-16
ER 100450 FILE 842-3 DOCKET NOS. 50-387
PLA-868 AND 50-388

Dear Mr. Grier:

The following information completes 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." This letter supplements our previous responses in PLA-548 and PLA-621 dated September 30, 1980 and January 28, 1981.

IE Bulletin actions to be taken:

1. The subject pressure transmitters have been installed at Susquehanna SES in safety-related applications. Only Model 1151 pressure transmitters are involved.

2. The pressure transmitters identified in item 1 were analyzed to determine worst case input pressures during normal operation and accident conditions. Potential excessive over pressure conditions were found for seventeen of these pressure transmitters. No excessive reverse pressure conditions were identified. The attached table provides specific information requested by the bulletin for each of the affected pressure transmitters.

3. Unit 1 pressure transmitters listed in the attached table will be replaced prior to Unit 1 fuel load. Suitable replacements will be obtained for Unit 2 transmitters prior to Unit 2 fuel load.

IE11
S
1/1

Estimated manpower expended on IE Bulletin 80-16:

a) Report preparation and review		2000 manhours
b) Corrective actions		1500 manhours
	Total	3500 manhours

Very truly yours,

N. W. Curtis
Vice President-Engineering & Construction-Nuclear

RMH/mks

Attachment

cc: Director
Division of Reactor Construction Inspection
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. G. G. Rhoads
U.S. Nuclear Regulatory Commission
P.O. Box 52
Shickshinny, PA 18655

Mr. L. D. Narrow
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

ROSEMOUNT MODEL NUMBER	INSTRUMENT TAG NUMBER	SERVICE DESCRIPTION	FUNCTION	CORRECTIVE ACTION	CALIBRATION RANGE	MAX MODEL RANGE
1151GP6A52MB	PT-E32-1N050	MSIV-LCS Reactor Press.	B, AH	Note 1	0-100 PSIG	0-100 PSIG
1151GP6A52MB	PT-E32-1N058	MSIV-LCS Reactor Press.	V	Note 1	0-100 PSIG	0-100 PSIG
1151GP6A52MB	PT-E32-1N060	MSIV-LCS Reactor Press.	B, I, AH	Note 1	0-100 PSIG	0-100 PSIG
1151GP6A52MB	PT-E32-1N055	MSIV-LCS Outlet HDR Press.	B	Note 1	0-100 PSIG	0-100 PSIG
1151GP6A52MB	PT-E32-1N061B	MSIV-LCS INBD Steam Press.	B, I	Note 1	0-100 PSIG	0-100 PSIG
1151GP6A52MB	PT-E32-1N061F	MSIV-LCS INBD Steam Press.	B, I	Note 1	0-100 PSIG	0-100 PSIG
1151GP6A52MB	PT-E32-1H061K	MSIV-LCS INBD Steam Press.	B, I	Note 1	0-100 PSIG	0-100 PSIG
1151GP6A52MB	PT-E32-1N061P	MSIV-LCS INBD Steam Press.	B, I	Note 1	0-100 PSIG	0-100 PSIG
1151AP5A52MB	PT-E32-1N056	MSIV-LCS Outlet HDR Press.	B	Note 1	0-30 PSIA	0-750 INWC
1151AP5A22T0003PB	PT-E32-1N051B	MSIV-LCS INBD Steam Press.	I, V	Note 1	30 inHg-10PSIG	0-750 INWC
1151AP5A22T0003PB	PT-E32-1N051F	MSIV-LCS INBD Steam Press.	I, V	Note 1	30 inHg-10PSIG	0-750 INWC
1151AP5A22T0003PB	PT-E32-1N051K	MSIV-LCS INBD Steam Press.	I, V	Note 1	30 inHg-10PSIG	0-750 INWC
1151AP5A22T0003PB	PT-E32-1N051P	MSIV-LCS INBD Steam Press.	I, V	Note 1	30 inHg-10PSIG	0-750 INWC
1151AP5A22MB	PT-15728A	Drywell Pressure	I	Note 2	0-20 PSIA	0-750 INWC
1151AP5A22MB	PT-15702	Suppression Pool Pressure	I	Note 2	0-20 PSIA	0-750 INWC
1151AP5A22MB	PT-25728A	Drywell Pressure	I	Note 2	0-20 PSIA	0-750 INWC
1151AP5A22MB	PT-25702	Suppression Pool Pressure	I	Note 2	0-20 PSIA	0-750 INWC

Functions:
- B = Blower Control Logic
- V = Valve Control Logic
- A = Alarm Trip Unit Input (H = High)
- I = Indicator

Note 1: Transmitters will be replaced with acceptable transmitters from SSES Unit 2 per FDDR KR2-301-3.

Note 2: Transmitters will be replaced per disposition, NCR-5988.

140% MAX MODEL RANGE	MAX PROCESS CONDITION	
	NORMAL	ACCIDENT
140 PSIG	1020 PSIA	1250 PSIG
140 PSIG	1020 PSIA	1250 PSIG
140 PSIG	1020 PSIA	1250 PSIG
140 PSIG	985 PSIA	1250 PSIG
140 PSIG	1020 PSIA	1250 PSIG
140 PSIG	1020 PSIA	1250 PSIG
140 PSIG	1020 PSIA	1250 PSIG
140 PSIG	1020 PSIA	1250 PSIG
38 PSIA	985 PSIA	1250 PSIG
38 PSIA	1020 PSIA	1250 PSIG
38 PSIA	1020 PSIA	1250 PSIG
38 PSIA	1020 PSIA	1250 PSIG
38 PSIA	1020 PSIA	1250 PSIG
38 PSIA	1.5 PSIG	60 PSIA
38 PSIA	1.5 PSIG	45 PSIA
38 PSIA	1.5 PSIG	60 PSIA
38 PSIA	1.5 PSIG	45 PSIA