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 RECIP. NAME RECIPIENT AFFILIATION
 BUTLER, W.R. Project Directorate I-2

SUBJECT: Suppls response to NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Three suspect transmitters found in warehouse will be returned to Rosemount, Inc for repair.

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Director of Nuclear Reactor Regulation
Attention: Dr. W. R. Butler, Project Director
Project Directorate I-2
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
SUPPLEMENTAL RESPONSE TO BULLETIN 90-01
LOSS OF FILL-OIL IN TRANSMITTERS MANUFACTURED
BY ROSEMOUNT
PLA-3648 FILE R41-1A**

Dear Dr. Butler:

Based on Addendum 3 to the Rosemount, Inc. Master Suspect List, Susquehanna SES has identified six additional transmitters of concern. Three of these transmitters (Serial Nos. 413033, 413034 and 413035) are located in our warehouse and not installed in the plant. Three transmitters (Serial Nos. 409375, 415275 and 409376) are installed in the plant. We have elected to maintain these transmitters in service.

The transmitter with serial number 409375 is installed as PT-14203B which senses Division 2 RPV wide range pressure and provides signal inputs to three control room indicators, SPDS computers, and the plant computer. The transmitter has been in service for over six years and has accumulated approximately 7200 psi months of operation. Past calibration data was reviewed for zero and span shift in accordance with Rosemount Technical Bulletin No. 3 criteria and no symptoms of oil loss were indicated. Undetected failure of this transmitter would cause low pressure indication on Division 2 on PI-14204B (right side). Division 2 has a redundant wide range pressure channel which would perform the indication function.

The transmitter with serial number 415275 is installed as PT-15120A which senses Division 2 RHR Drywell Spray Flow A and provides a signal input to flow indicator FI-15120A (0-12000 GPM). The transmitter has been installed for two years in standby service. Past calibration data was reviewed for zero and span shift in accordance with Rosemount Technical Bulletin No. 3

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criteria and no symptoms of oil loss is indicated. Undetected failure of this transmitter would result in erroneous RHR drywell spray flow indication at FI-15120A. FI-E11-1R603A provides an alternate method of determining drywell spray flow. It should be noted that this transmitter was a replacement for a transmitter on a previous suspect transmitter listing.

The transmitter with serial number 409376 is installed as PT-12644 which serves Instrument Gas Train 1T212A providing signal inputs to PI-12649 (left side) and the plant computer. The transmitter has been determined to be indicating properly at this time. As this transmitter has only been in service for one calibration cycle, calibration data on file is insufficient to determine if oil loss symptoms are present. Further testing will be performed to determine if this transmitter is exhibiting any signs of oil loss. Undetected failure of this transmitter would cause low pressure indication for Instrument Gas Train 1T212A. This transmitter does not perform any alarm or control functions.

The three suspect transmitters found in the warehouse will be returned to Rosemount, Inc. for repair.

Any questions regarding this response should be directed to Mr. W.W. Williams at (215) 774-7910.

Very truly yours,



H. W. Keiser

cc: • NRC Document Control Desk (original)
NRC Region I
Mr. G. S. Barber, NRC Sr. Resident Inspector
Mr. J. J. Raleigh, NRC Project Manager