



Consumers  
Power  
Company

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July 21, 1980

Mr James G Keppler  
Office of Inspection and Enforcement  
Region III  
US Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, IL 60137

DOCKET 50-155 - LICENSE DPR-6 -  
BIG ROCK POINT PLANT - RESPONSE TO  
IE BULLETIN NO 80-16 - POTENTIAL MISAPPLICATION  
OF ROSEMOUNT INC MODELS 1151 AND 1152 PRESSURE  
TRANSMITTERS WITH EITHER "A" OR "D" OUTPUT CODES

IE Bulletin No 80-16, "Potential Misapplication of Rosemount Inc Model 1151 and 1152 Pressure Transmitters with either "A" or "D" Output Codes", dated June 27, 1980 requested a determination of the current or proposed existence of the subject transmitters in safety related applications.

Consumers Power Company has conducted a review of plant records and finds that four pressure transmitters of the identified type exist. Of these, only one has an output code which is in question. This pressure transmitter identified as PT IA07C is used in the primary coolant system to indicate reactor pressure and is not subject to input pressures greater than its upper range limit. The following provides information used in making this determination:

Pressure Transmitter ID# PT IA07C

- a. Model No 1152 GP 9A 92 PB; SN 67180 Installed, SN 67178 and 67179 Spares
- b. Transmitter range limits: 0-500 to 0-3000 psig
- c. Transmitter range setting: 0-2000 psig
- d. Normal range of process variable: 1330 psig  
Accident range of process variable:  $1330 \pm 5$  psig  
for reactor trip
- e. No values of measured process variable exist greater than the upper range limit.
- f. Service - reactor pressure indicator; function - indicator, no control function

IE Circular No 80-16, "Operational Deficiencies in Rosemount Model 510DU Trip Units and Model 1152 Pressure Transmitters" indicated that problems could exist with Model 510DU trip units. No trip units of this type exist at Big Rock Point Plant.

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Future Big Rock Point Plant modification plans include the use of Rosemount Inc Model 1152 pressure transmitters. The application of these pressure transmitters was reviewed and no instances of exceeding the upper range limit were identified.

David P Hoffman (Signed)

David P Hoffman  
Nuclear Licensing Administrator

CC Director, Office of Nuclear Reactor Regulation  
Director, Office of Inspection and Enforcement  
NRC Resident Inspector, Big Rock Point Plant