

# Commonwealth Edison Company

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Dresden Nuclear Power Station

R. R. #1

Morris, Illinois 60450

January 29, 1973

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Mr. A. Giambusso  
Deputy Director for Reactor Projects  
Directorate of Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Regulatory

File Cy.



SUBJECT: LICENSE DPR-19, DRESDEN NUCLEAR POWER STATION, UNIT 2,  
SECTION 6.6.B.3 OF THE TECHNICAL SPECIFICATIONS.

Dear Mr. Giambusso:

This is to report a condition relating to the operation of this unit which, on January 13, 1972, the setpoint of one of the four reactor low pressure permissive switches (core spray and low pressure coolant injection initiation) drifted slightly below the value given in Table 3.2.2 of the Technical Specifications.

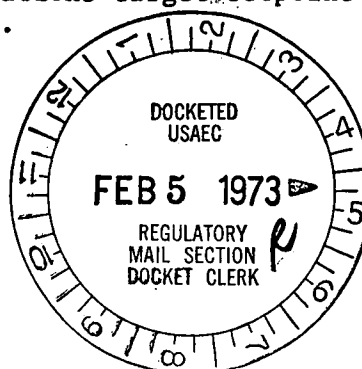
## PROBLEM AND INVESTIGATION

On January 13, 1973, during a routine calibration of the subject switches, one of the four switches setpoint was found to have drifted slightly below the Tech. Spec. limit of 300 psig.

The subject switch, PS-2-263-52A1, drifted from the previous setting of 321 psig to 298 psig decreasing pressure. This switch is a Meletron, model 372-6SS-49A-292 with a range of 28-1400 psig and a stated accuracy of  $\pm 1\%$ .

The switch being 2 psig below the specified limit has no effect on the safe operation of the system.

This is the first setpoint drift exceeding the lower limit (as specified in the Tech. Spec's) since the stations target setpoint was lowered from 350 psig to 325 psig in September, 1972.



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CORRECTIVE ACTION

The switch setpoint was immediately recalibrated to trip at 324 psig decreasing pressure, approximately the center of the 50 psig allowable span.

The investigation defined below will be instituted.

1. Analyze the procedure used by the Dresden instrument mechanics to assure that no errors are introduced as a result of surveillance technique.
2. Test a Meletron model 372-6SS-49A-292 pressure switch under controlled laboratory conditions to verify its performance characteristics.
3. Consult with a Meletron Technical representative for their assistance in analyzing the problem.
4. Perform monthly calibration checks of all switches of this type until sufficient data is obtained to curtail the investigation.

Sincerely,

*Fred S. Morris*  
for W. P. Worden  
Superintendent

WPW:do

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